

Data File : VN051900.D
Acq On : 17 Oct 2018 9:46
Operator : MD\SY
Sample : VSTDIC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 28

Quant Time: Oct 19 04:43:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 19 04:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	876480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1291574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1140306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	501138	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	164028	20.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.38%	
35) Dibromofluoromethane	7.59	113	162731	19.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.64%	
50) Toluene-d8	10.09	98	586850	19.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.28%	
62) 4-Bromofluorobenzene	12.40	95	186221	18.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	104763	19.754	ug/l	98
3) Chloromethane	2.06	50	106332	20.520	ug/l	100
4) Vinyl Chloride	2.18	62	155342	19.849	ug/l	99
5) Bromomethane	2.57	94	138097	18.526	ug/l	100
6) Chloroethane	2.70	64	118446	20.854	ug/l	98
7) Trichlorofluoromethane	3.01	101	253449	21.015	ug/l	99
8) Diethyl Ether	3.41	74	73557	20.818	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	143582	20.749	ug/l	98
10) Methyl Iodide	3.95	142	162557	19.245	ug/l	99
11) Tert butyl alcohol	4.79	59	46878	109.256	ug/l #	85
12) 1,1-Dichloroethene	3.74	96	128988	20.449	ug/l	97
13) Acrolein	3.61	56	34792	97.730	ug/l	100
14) Allyl chloride	4.33	41	144494	21.825	ug/l	97
15) Acrylonitrile	4.99	53	183870	106.946	ug/l	97
16) Acetone	3.82	43	142214	98.842	ug/l	96
17) Carbon Disulfide	4.06	76	295386	18.782	ug/l	99
18) Methyl Acetate	4.33	43	90905	18.954	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	371969	20.462	ug/l	93
20) Methylene Chloride	4.55	84	149047	20.378	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	143611	19.810	ug/l	97
22) Diisopropyl ether	5.96	45	332791	20.901	ug/l	95
23) Vinyl Acetate	5.90	43	1142901	104.262	ug/l	100
24) 1,1-Dichloroethane	5.85	63	239947	20.810	ug/l	99
25) 2-Butanone	6.84	43	210849	102.538	ug/l	98
26) 2,2-Dichloropropane	6.83	77	228523	20.956	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	174384	20.699	ug/l	100
28) Bromochloromethane	7.20	49	96333	20.574	ug/l	98
29) Tetrahydrofuran	7.22	42	128741	102.504	ug/l	99
30) Chloroform	7.37	83	285914	20.727	ug/l	100
31) Cyclohexane	7.66	56	203452	16.230	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	261152	20.298	ug/l	99
36) 1,1-Dichloropropene	7.80	75	194989	19.451	ug/l	99
37) Ethyl Acetate	6.93	43	96980	22.038	ug/l	96
38) Carbon Tetrachloride	7.78	117	233119	19.747	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	245451	19.773	ug/l	98
40) Benzene	8.04	78	593967	20.282	ug/l	99
41) Methacrylonitrile	7.18	41	42825	18.818	ug/l #	67
42) 1,2-Dichloroethane	8.13	62	191558	20.418	ug/l	100
43) Isopropyl Acetate	8.17	43	185095	20.806	ug/l #	88
44) Trichloroethene	8.84	130	183904	20.011	ug/l	99
45) 1,2-Dichloropropane	9.12	63	137339	20.281	ug/l	98
46) Dibromomethane	9.21	93	104682	20.281	ug/l	99
47) Bromodichloromethane	9.40	83	212230	20.515	ug/l	99
48) Methyl methacrylate	9.20	41	81725	20.195	ug/l	96
49) 1,4-Dioxane	9.20	88	31282	406.987	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	494207	105.903	ug/l	100
52) Toluene	10.16	92	397130	20.272	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	195889	19.982	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	222981	20.398	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	147918	20.607	ug/l	98
56) Ethyl methacrylate	10.43	69	161096	20.074	ug/l	98
57) 1,3-Dichloropropane	10.71	76	227371	20.804	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	341592	100.471	ug/l	97
59) 2-Hexanone	10.75	43	317061	101.327	ug/l	99
60) Dibromochloromethane	10.90	129	165559	19.653	ug/l	100
61) 1,2-Dibromoethane	11.01	107	150323	19.966	ug/l	98
64) Tetrachloroethene	10.63	164	189550	20.709	ug/l	98
65) Chlorobenzene	11.43	112	454482	19.935	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	171107	20.163	ug/l	99
67) Ethyl Benzene	11.51	91	755009	20.215	ug/l	99
68) m/p-Xylenes	11.62	106	604072	40.281	ug/l	97
69) o-Xylene	11.95	106	296660	20.299	ug/l	96
70) Styrene	11.97	104	448359	19.944	ug/l	99
71) Bromoform	12.13	173	100185	18.957	ug/l #	98
73) Isopropylbenzene	12.25	105	804453	20.736	ug/l	99
74) N-amyl acetate	12.07	43	135727	20.348	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	166718	21.264	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	189662	29.928	ug/l #	100
77) Bromobenzene	12.53	156	194761	19.729	ug/l	94
78) n-propylbenzene	12.59	91	836274	20.708	ug/l	99
79) 2-Chlorotoluene	12.67	91	501620	20.410	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	647794	20.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	35383	21.022	ug/l	94
82) 4-Chlorotoluene	12.77	91	479628	20.324	ug/l	99
83) tert-Butylbenzene	12.99	119	604715	20.521	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	655444	21.259	ug/l	98
85) sec-Butylbenzene	13.17	105	776699	20.733	ug/l	99
86) p-Isopropyltoluene	13.29	119	681808	20.999	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	332816	20.003	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	319646	19.548	ug/l	98
89) n-Butylbenzene	13.62	91	491438	20.865	ug/l	100
90) Hexachloroethane	13.87	117	109932	20.243	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	327313	20.314	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23395	22.274	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101718\
Quantitation Report (Not Reviewed)

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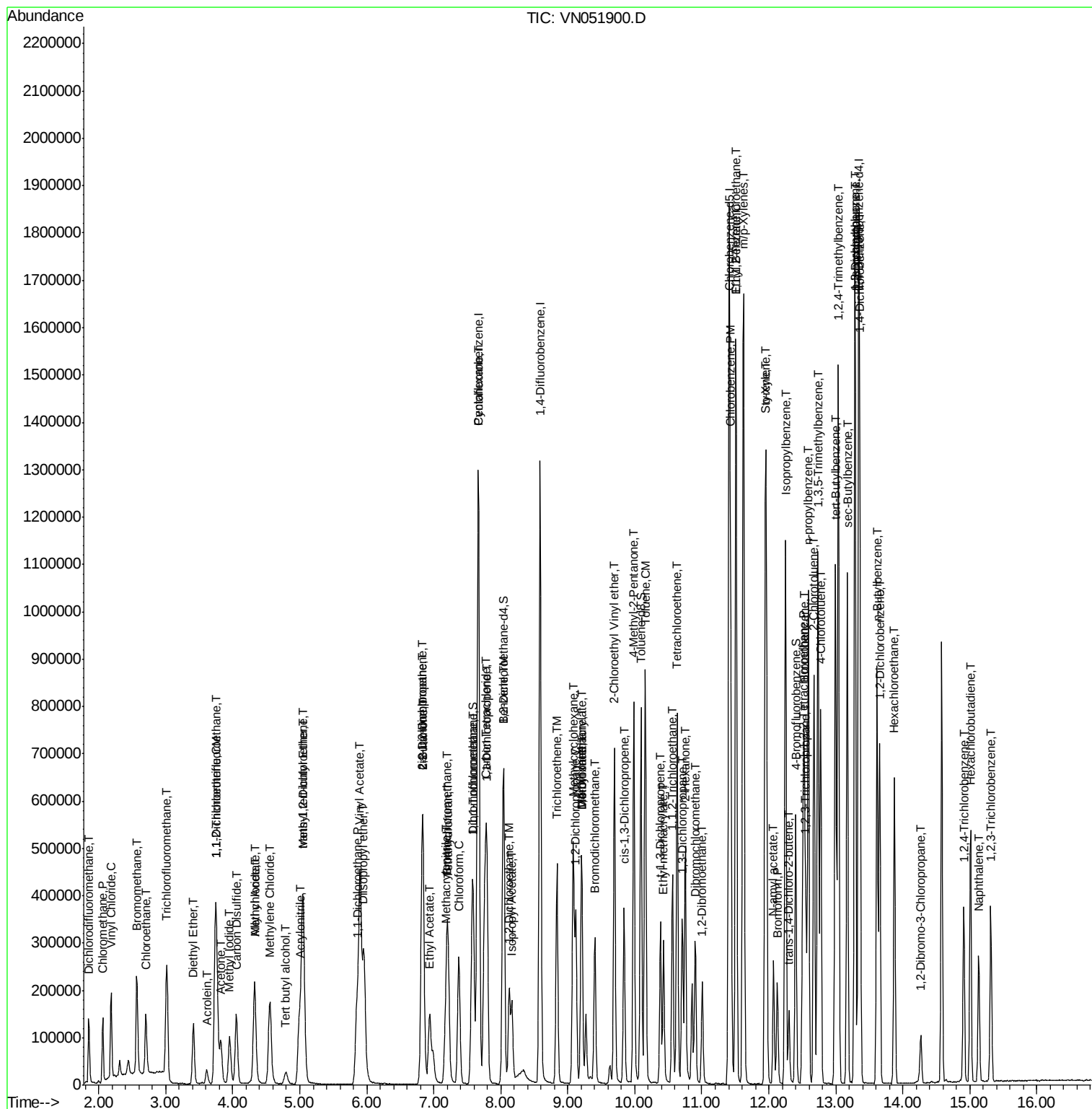
Quant Time: Oct 19 04:43:07 2018
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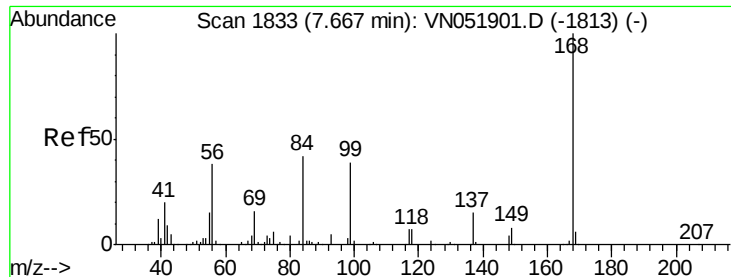
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	125222	17.938	ug/l	98
94) Hexachlorobutadiene	15.01	225	105713	20.719	ug/l	98
95) Naphthalene	15.13	128	242126	17.435	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	133489	19.292	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051900.D

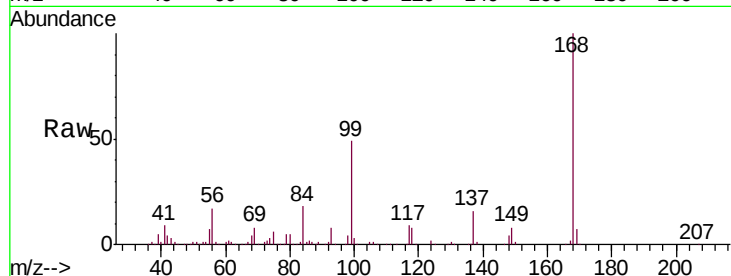
Acq: 17 Oct 2018 9:46

Tgt Ion: 168 Resp: 876480

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

300000

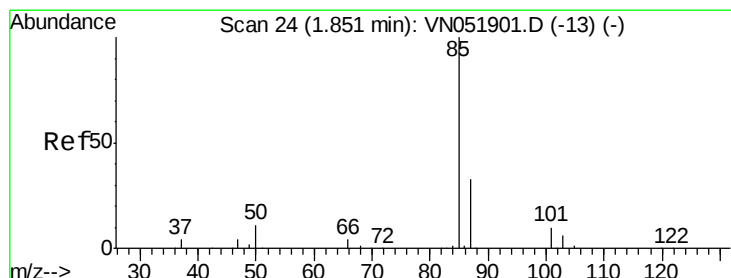
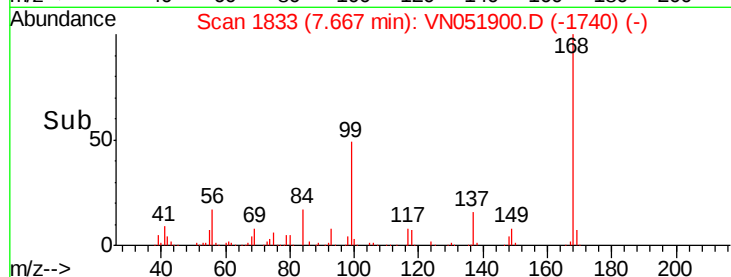
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.754 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN051900.D

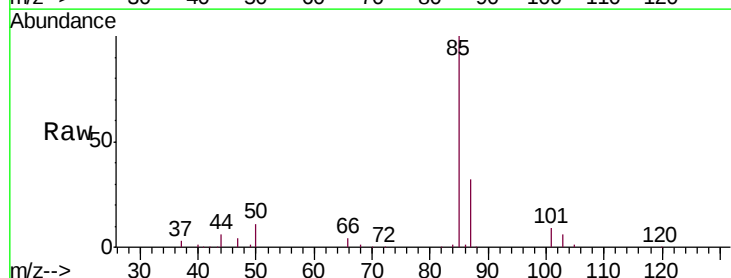
Acq: 17 Oct 2018 9:46

Tgt Ion: 85 Resp: 104763

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

80000

60000

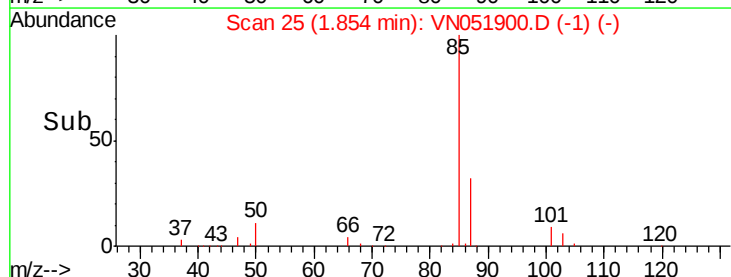
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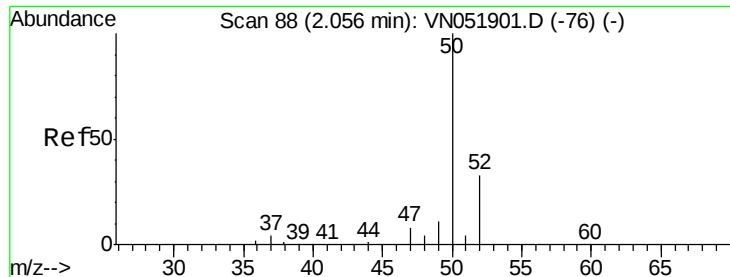
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 20.520 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051900.D

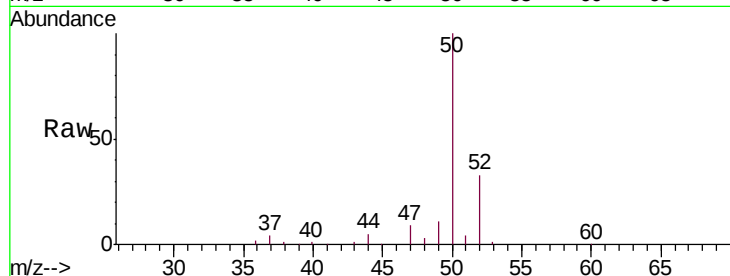
Acq: 17 Oct 2018 9:46

Tgt Ion: 50 Resp: 106332

Ion Ratio Lower Upper

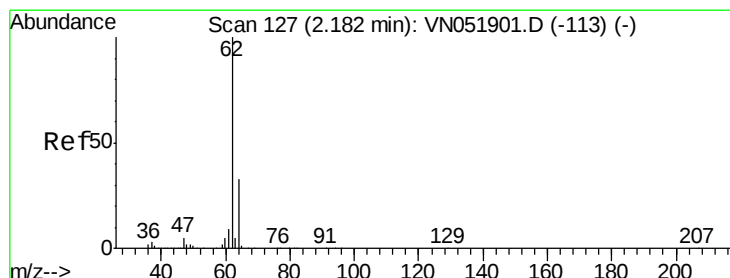
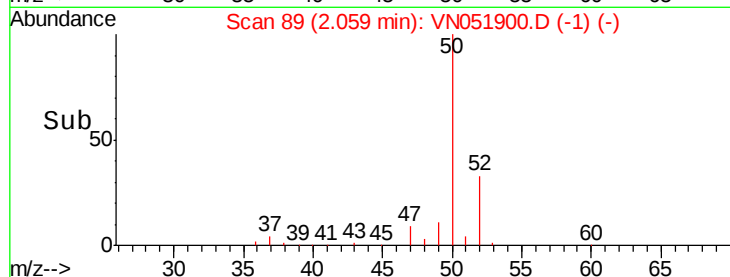
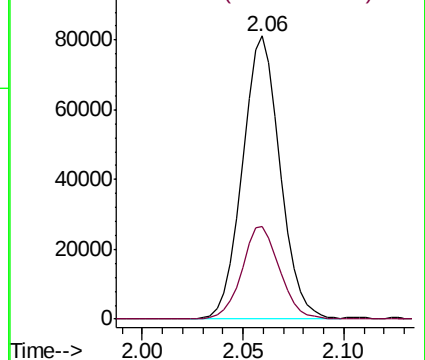
50 100

52 32.6 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 19.849 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051900.D

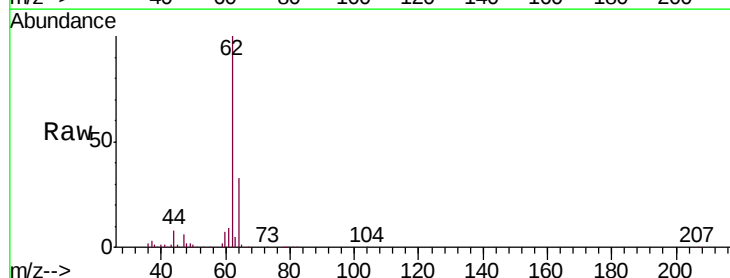
Acq: 17 Oct 2018 9:46

Tgt Ion: 62 Resp: 155342

Ion Ratio Lower Upper

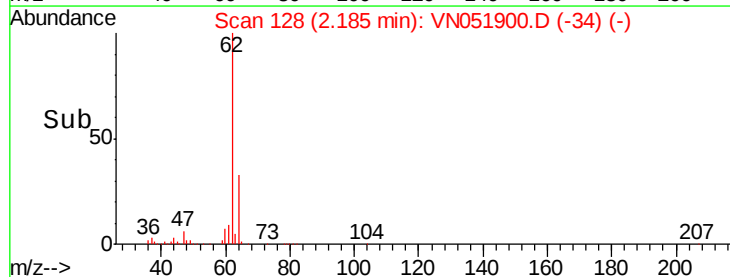
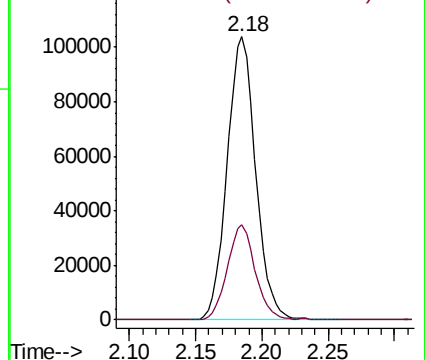
62 100

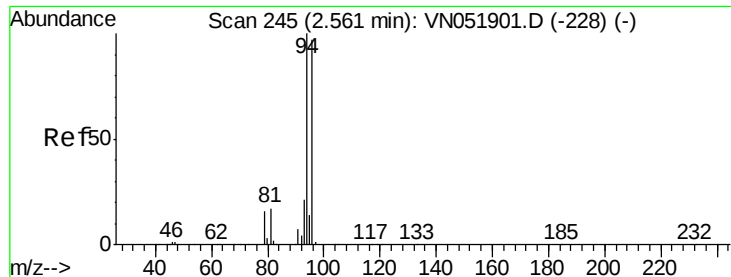
64 33.3 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 18.526 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN051900.D

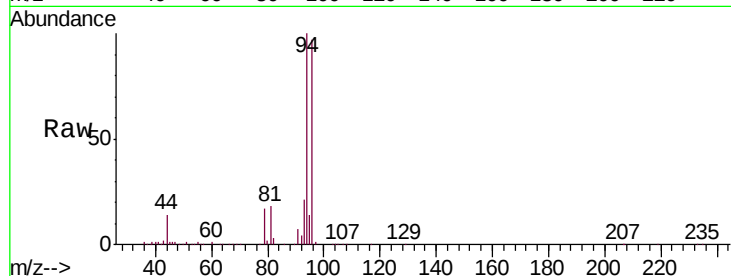
Acq: 17 Oct 2018 9:46

Tgt Ion: 94 Resp: 138097

Ion Ratio Lower Upper

94 100

96 96.8 77.5 116.3



Abundance Ion 93.90 (93.60 to 94.60): VN051900.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN051900.D (-152) (-)

2.57

80000

60000

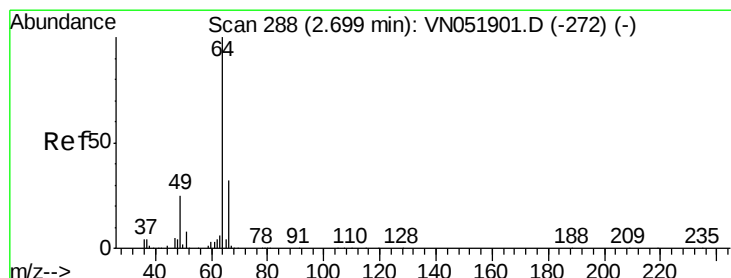
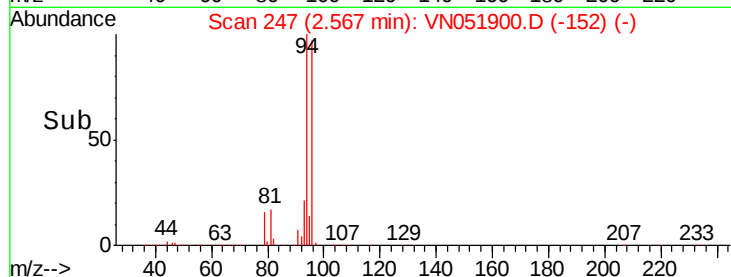
40000

20000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 20.854 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051900.D

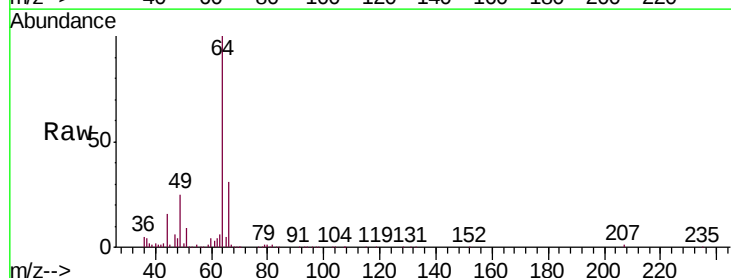
Acq: 17 Oct 2018 9:46

Tgt Ion: 64 Resp: 118446

Ion Ratio Lower Upper

64 100

66 31.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN051900.D (-195) (-)

Ion 65.90 (65.60 to 66.60): VN051900.D (-195) (-)

2.70

60000

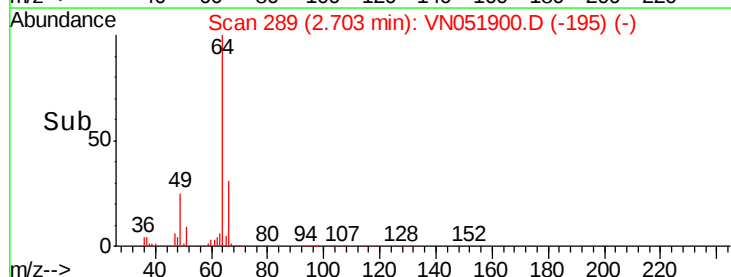
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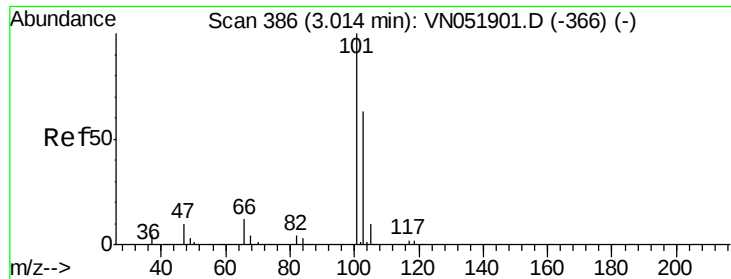
20000

0

Time-->

2.60 2.70 2.80

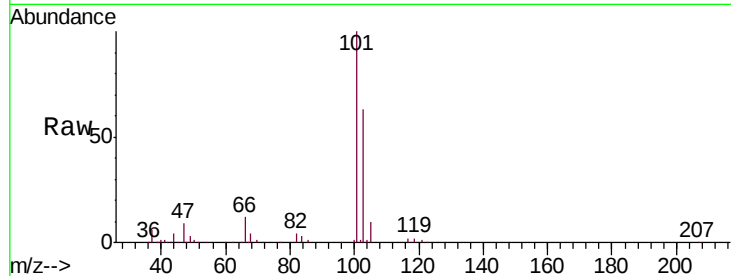




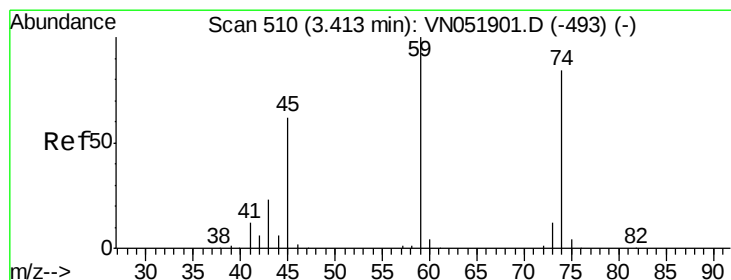
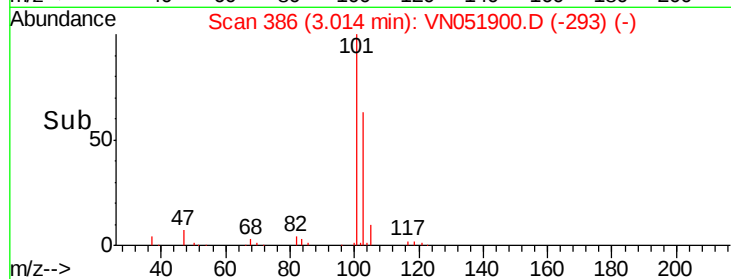
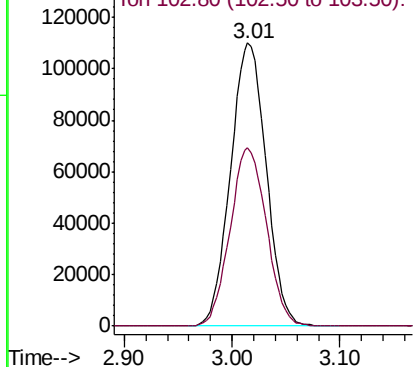
#7

Trichlorofluoromethane
 Concen: 21.015 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion: 101 Resp: 253449
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.8 76.2



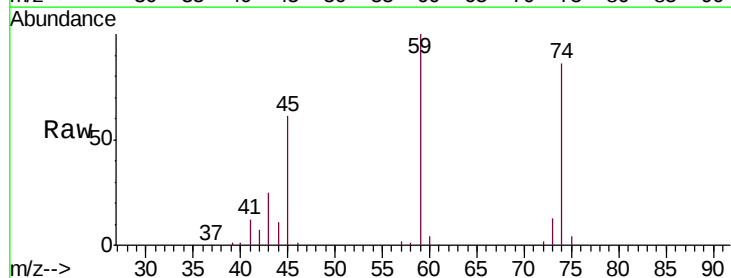
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



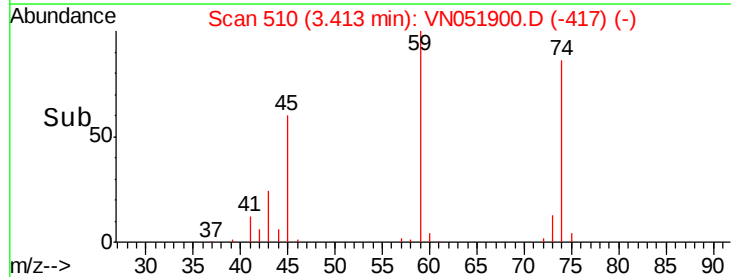
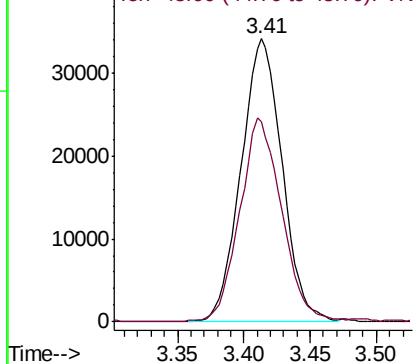
#8

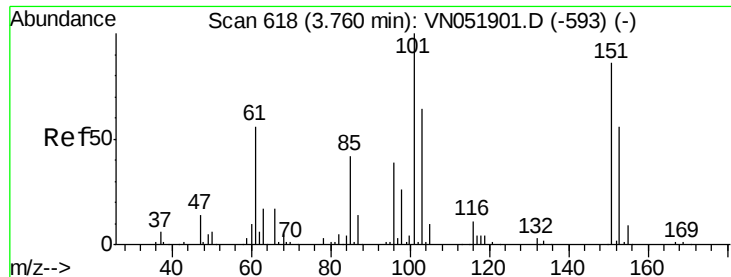
Diethyl Ether
 Concen: 20.818 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion: 74 Resp: 73557
 Ion Ratio Lower Upper
 74 100
 45 73.8 36.8 110.3



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.749 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

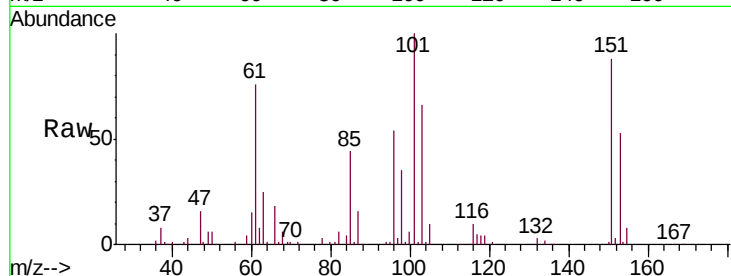
Tgt Ion:101 Resp: 143582

Ion Ratio Lower Upper

101 100

85 43.9 34.8 52.2

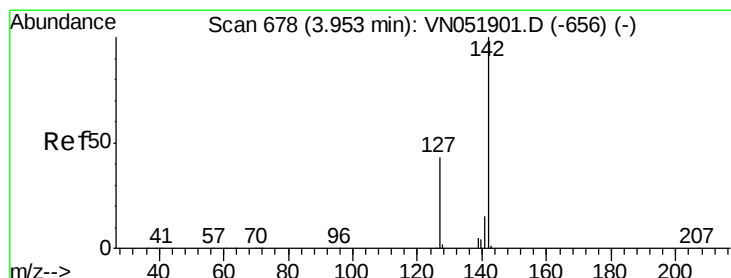
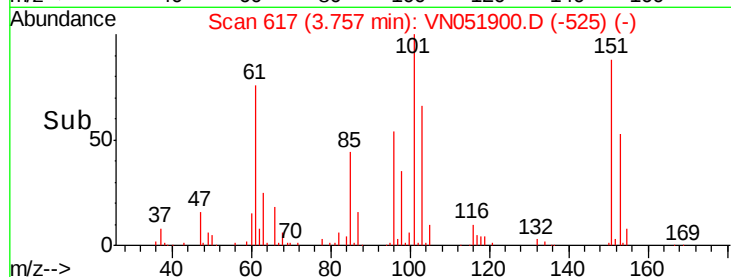
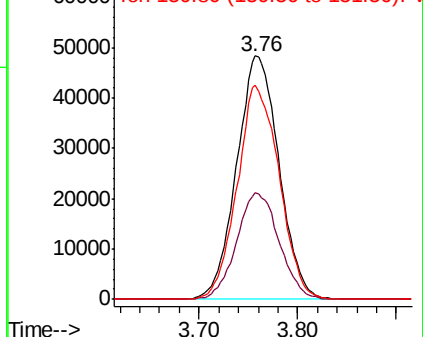
151 87.4 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.245 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

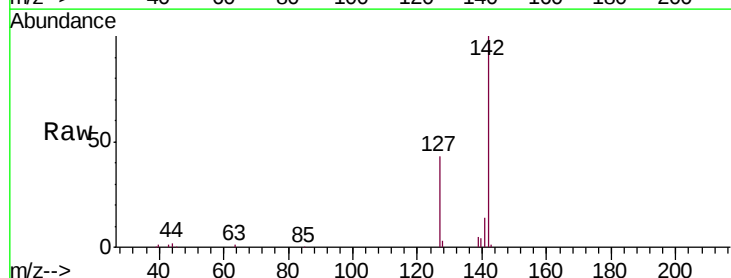
Tgt Ion:142 Resp: 162557

Ion Ratio Lower Upper

142 100

127 42.7 34.3 51.5

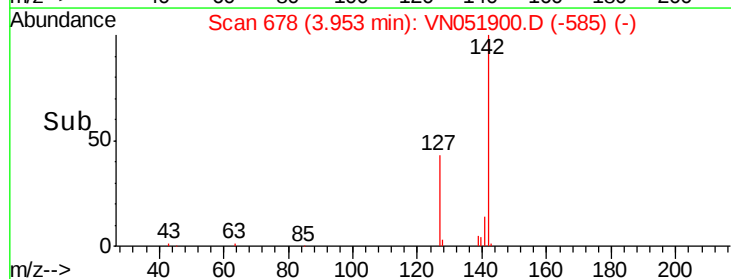
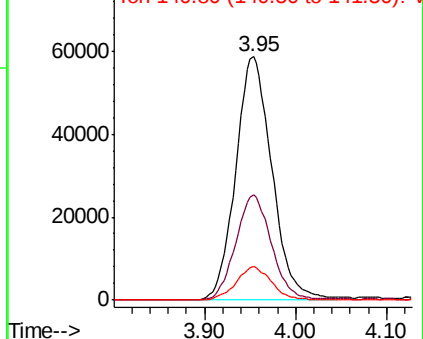
141 13.4 11.1 16.7

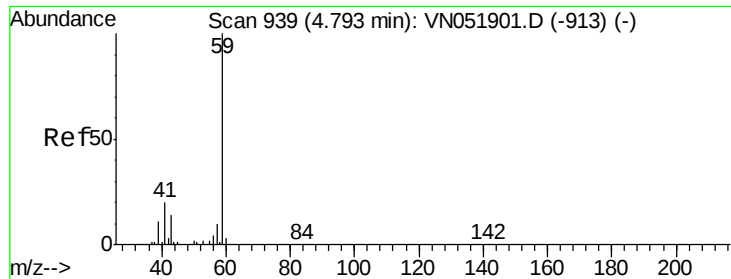


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 109.256 ug/l

RT: 4.79 min Scan# 939

Delta R.T. -0.00 min

Lab File: VN051900.D

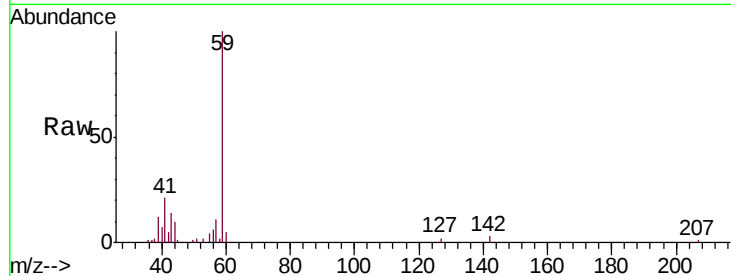
Acq: 17 Oct 2018 9:46

Tgt Ion: 59 Resp: 46878

Ion Ratio Lower Upper

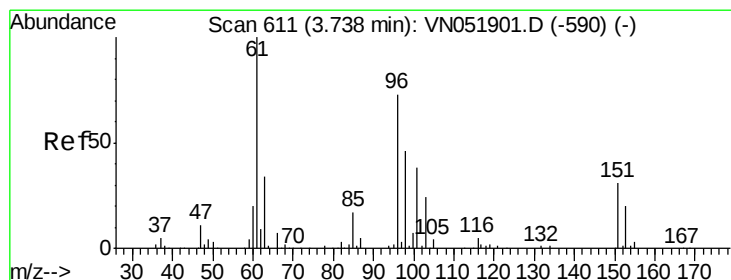
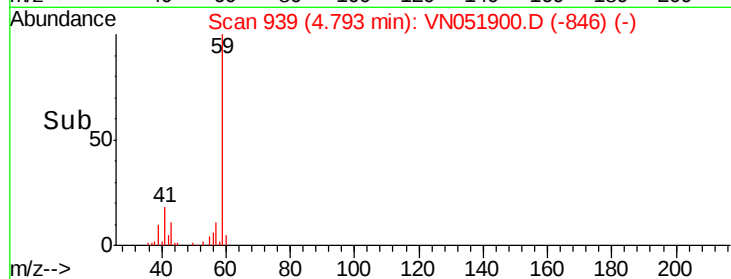
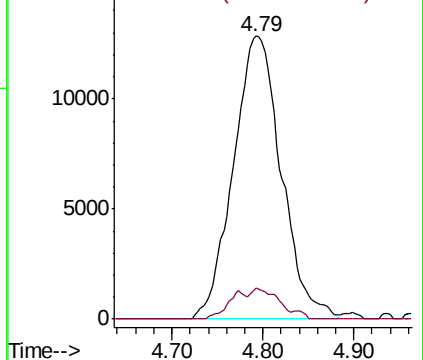
59 100

57 4.7 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN051900.D (-913) (-)

Ion 57.00 (56.70 to 57.70): VN051900.D (-913) (-)



#12

1,1-Dichloroethene

Concen: 20.449 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

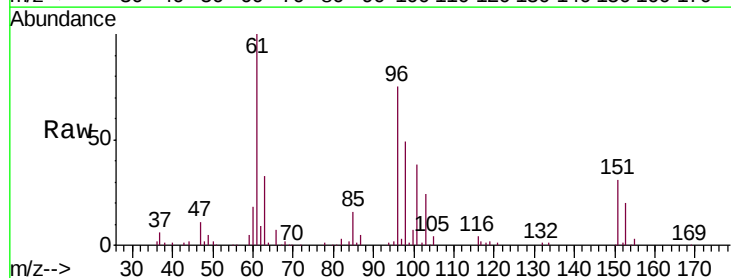
Tgt Ion: 96 Resp: 128988

Ion Ratio Lower Upper

96 100

61 133.3 109.8 164.6

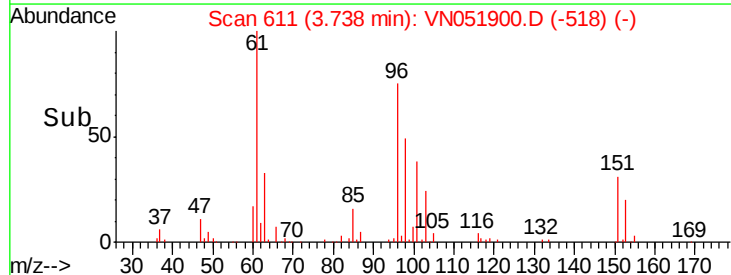
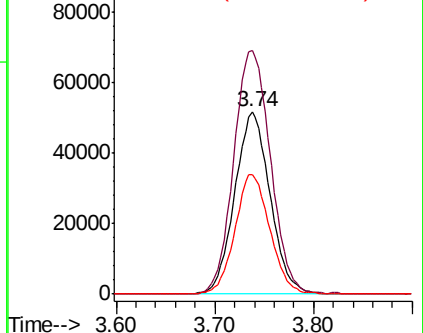
98 65.5 50.9 76.3

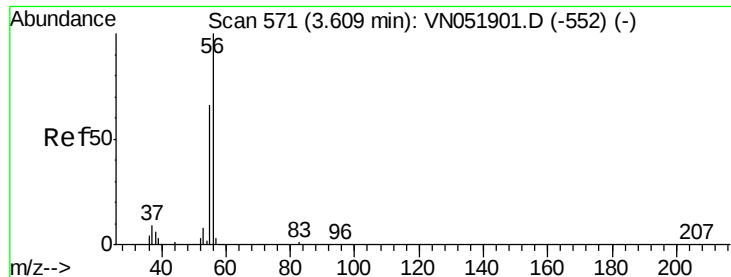


Abundance Ion 95.90 (95.60 to 96.60): VN051900.D (-590) (-)

Ion 60.90 (60.60 to 61.60): VN051900.D (-590) (-)

Ion 97.90 (97.60 to 98.60): VN051900.D (-590) (-)





#13

Acrolein

Concen: 97.730 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051900.D

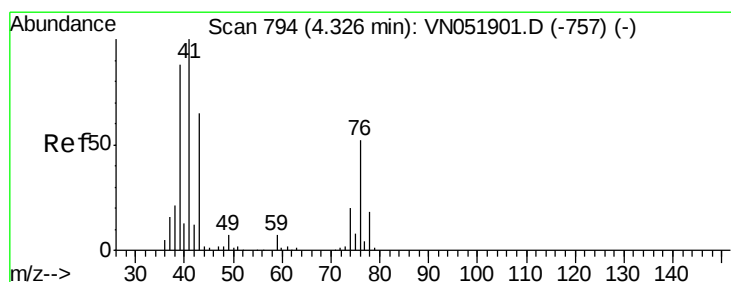
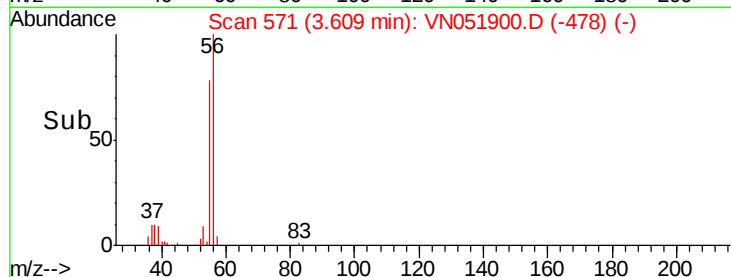
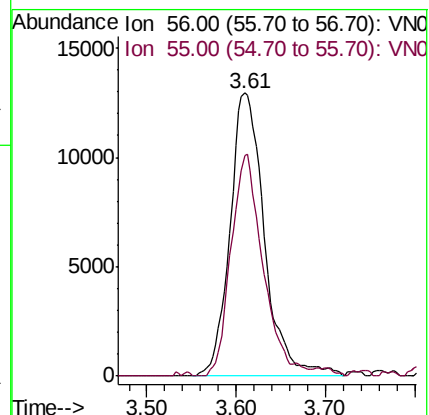
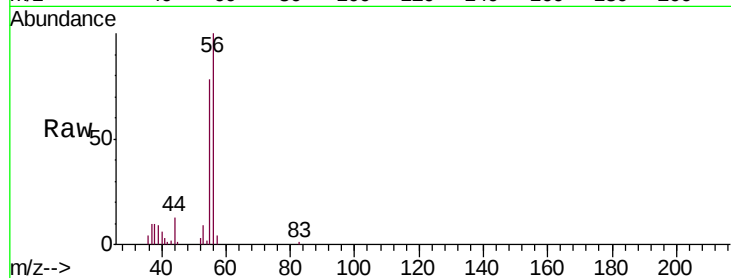
Acq: 17 Oct 2018 9:46

Tgt Ion: 56 Resp: 34792

Ion Ratio Lower Upper

56 100

55 71.3 56.7 85.1



#14

Allyl chloride

Concen: 21.825 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

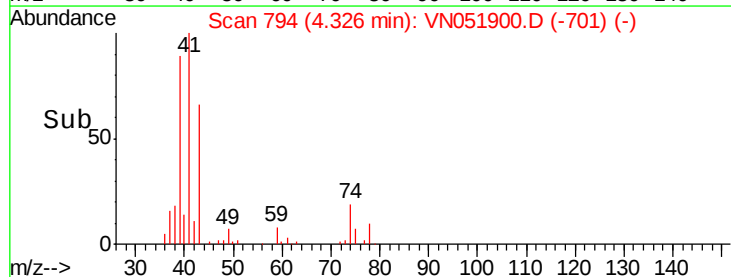
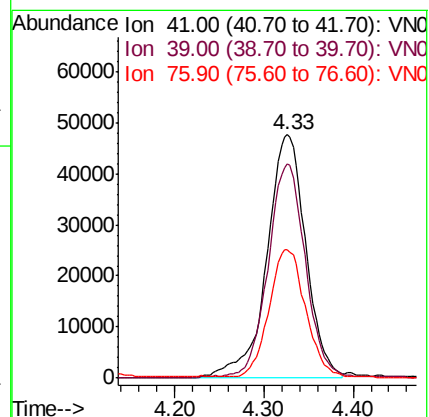
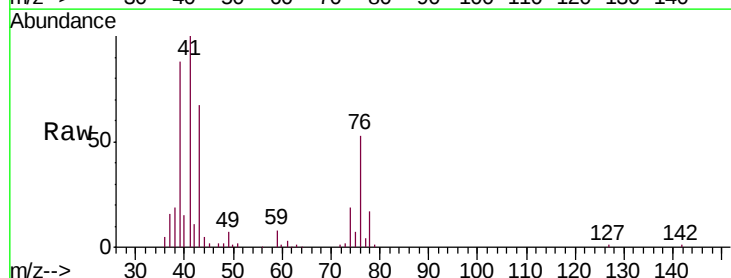
Tgt Ion: 41 Resp: 144494

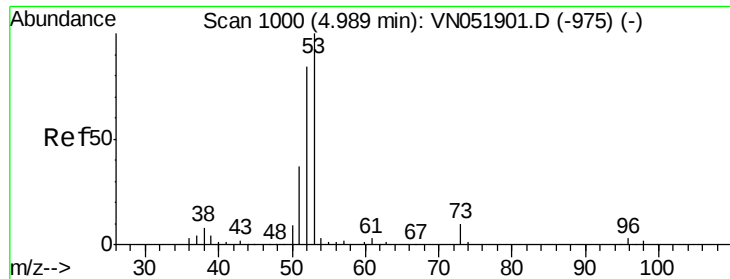
Ion Ratio Lower Upper

41 100

39 85.1 65.4 98.0

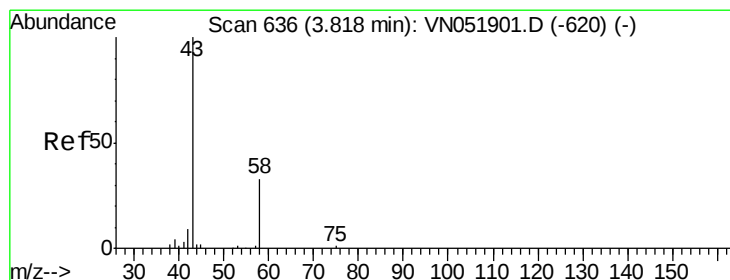
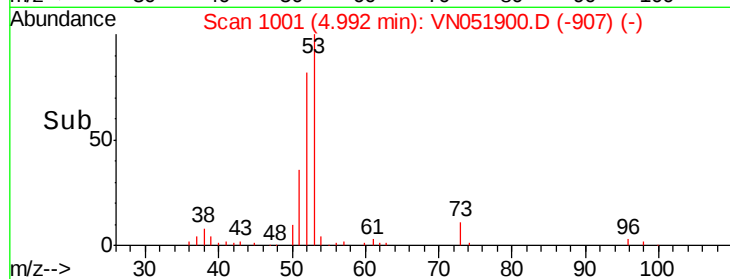
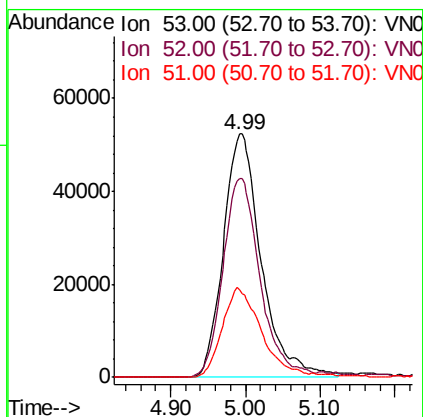
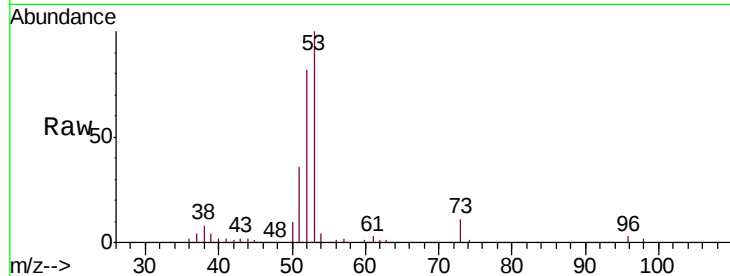
76 48.7 39.6 59.4





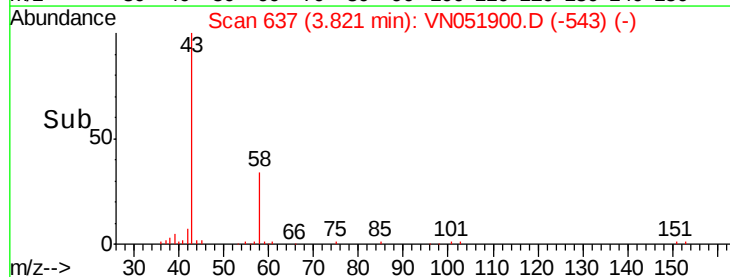
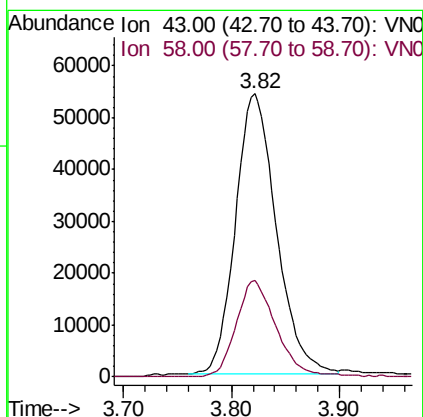
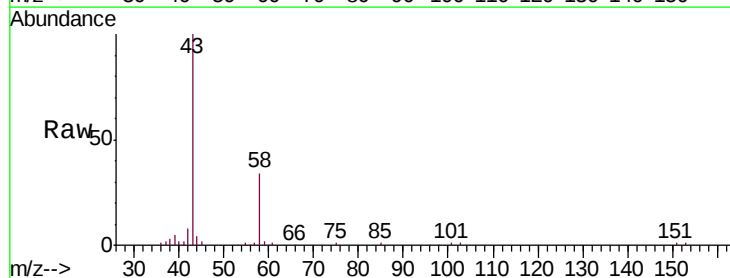
#15
 Acrylonitrile
 Concen: 106.946 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

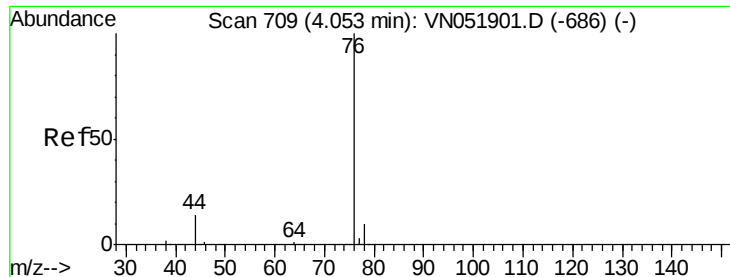
Tgt Ion:	53	Resp:	183870
Ion	Ratio	Lower	Upper
53	100		
52	80.1	65.8	98.8
51	38.7	29.4	44.2



#16
 Acetone
 Concen: 98.842 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

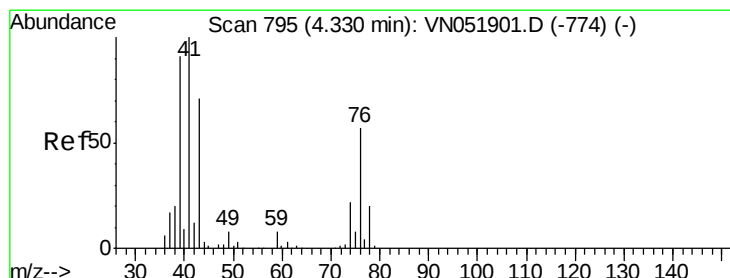
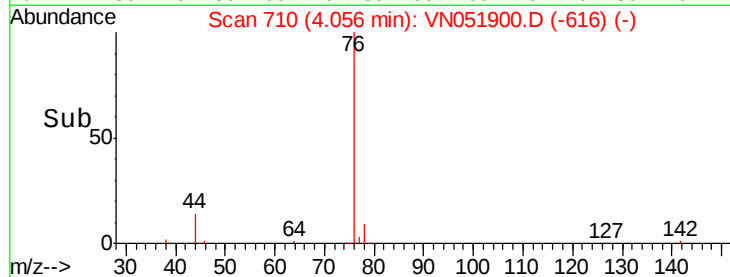
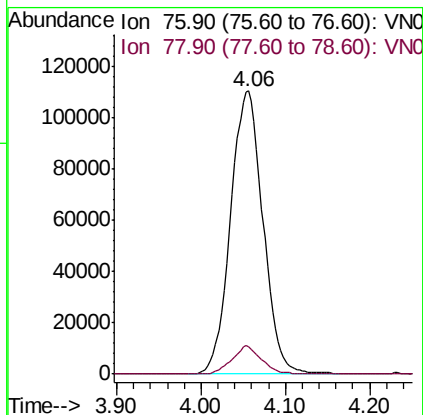
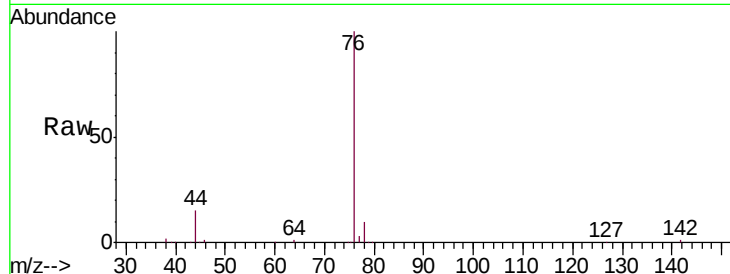
Tgt Ion:	43	Resp:	142214
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.9	38.9





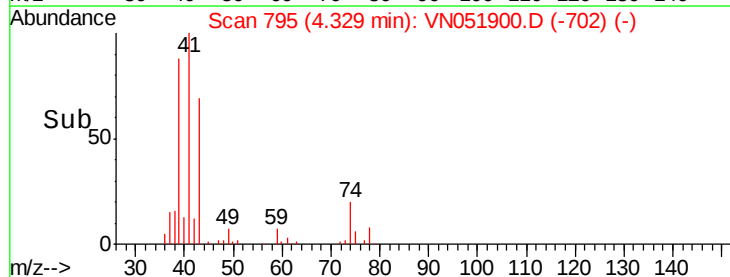
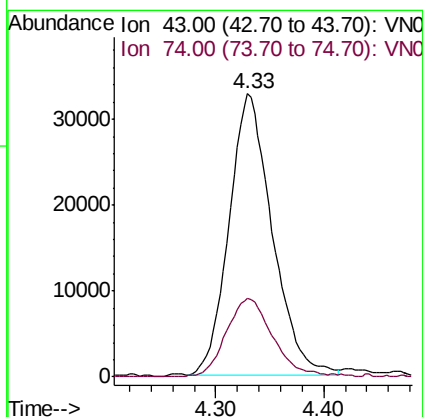
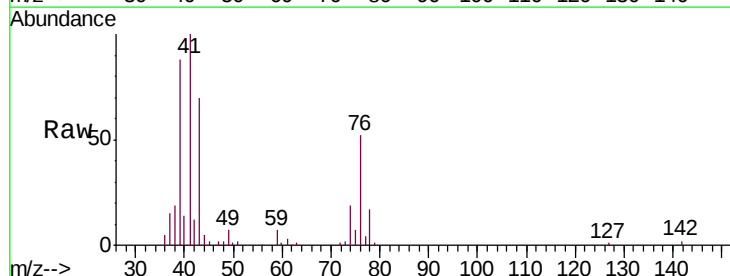
#17
Carbon Disulfide
Concen: 18.782 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

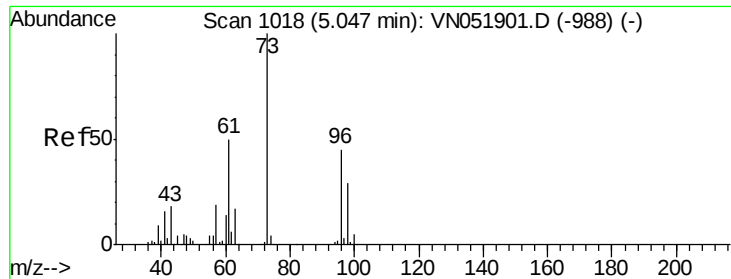
Tgt Ion: 76 Resp: 295386
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4



#18
Methyl Acetate
Concen: 18.954 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

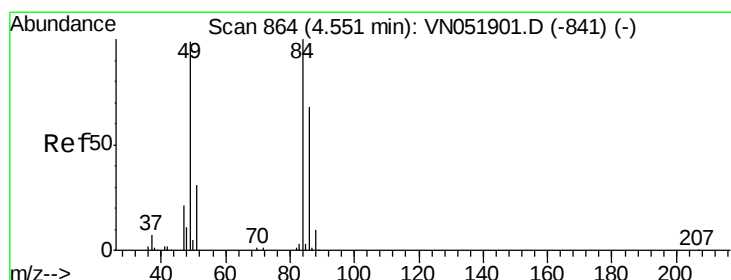
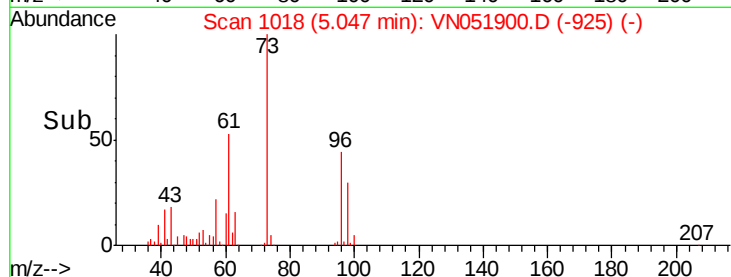
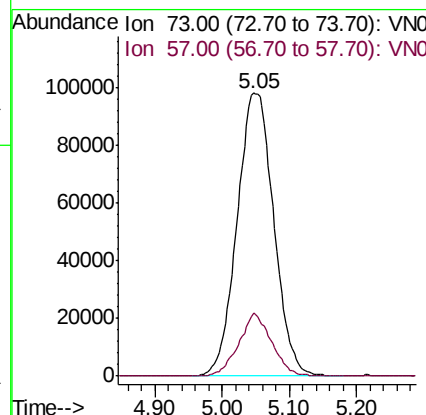
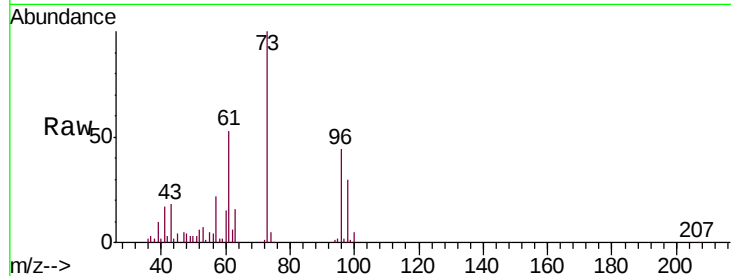
Tgt Ion: 43 Resp: 90905
Ion Ratio Lower Upper
43 100
74 30.0 24.9 37.3





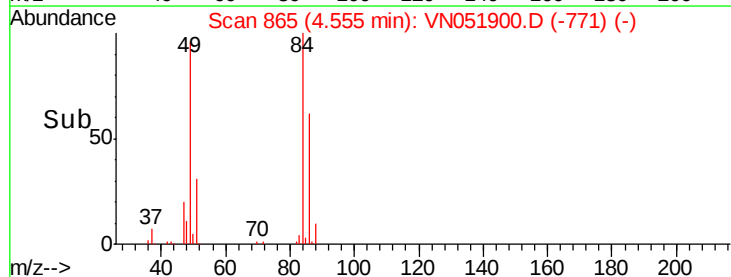
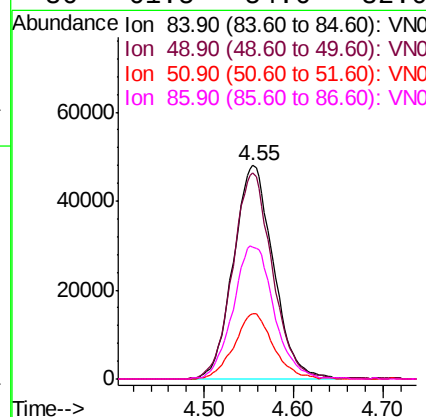
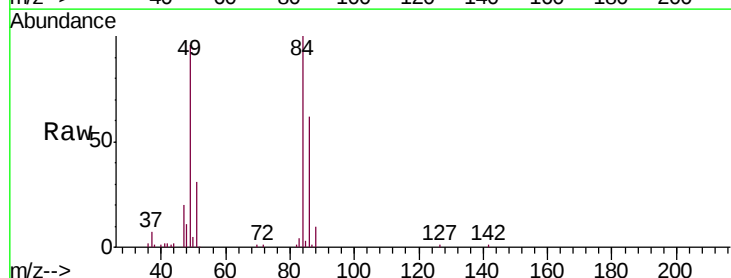
#19
Methyl tert-butyl Ether
Concen: 20.462 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

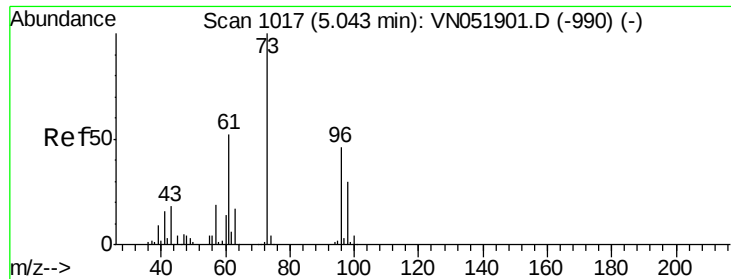
Tgt Ion: 73 Resp: 371969
Ion Ratio Lower Upper
73 100
57 22.2 15.3 22.9



#20
Methylene Chloride
Concen: 20.378 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion: 84 Resp: 149047
Ion Ratio Lower Upper
84 100
49 96.0 79.0 118.4
51 30.8 24.9 37.3
86 61.5 54.6 82.0

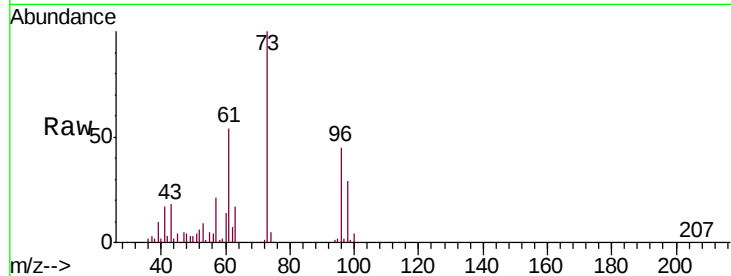




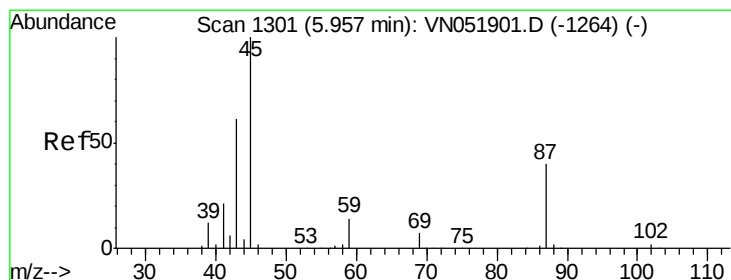
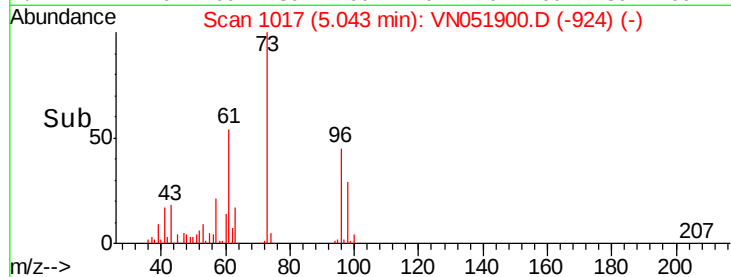
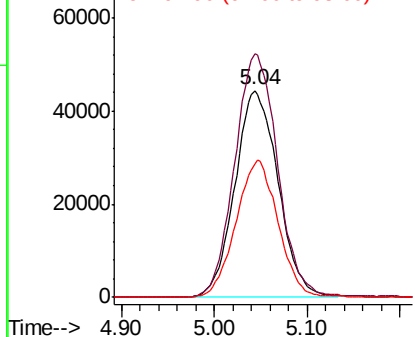
#21

trans-1,2-Dichloroethene
Concen: 19.810 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	117.9	89.8	134.6
98	64.4	51.7	77.5



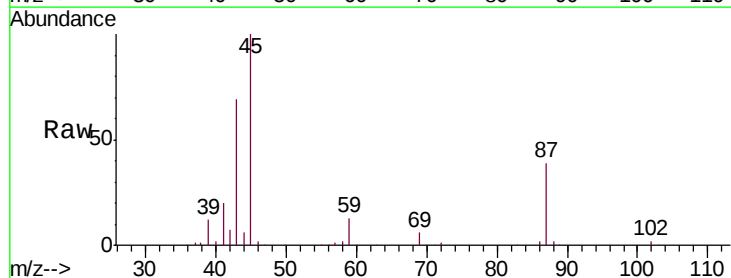
Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



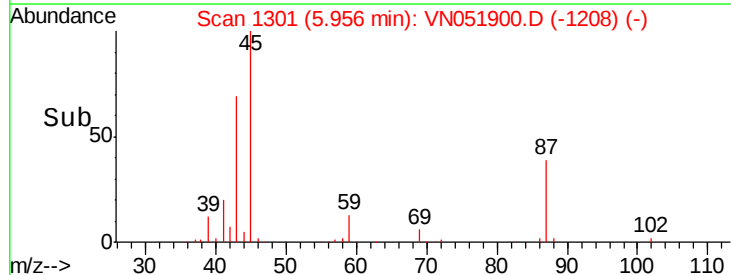
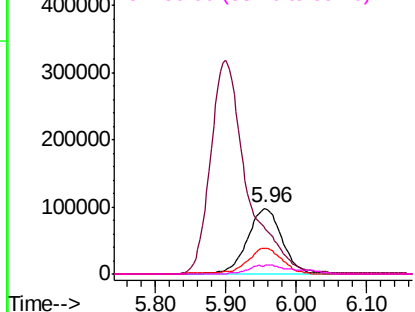
#22

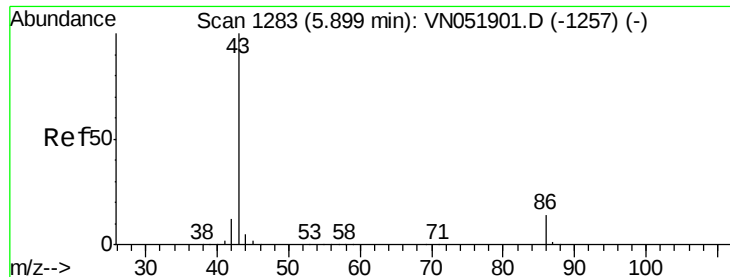
Diisopropyl ether
Concen: 20.901 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.2	48.9	73.3
87	38.9	32.6	48.8
59	12.7	11.0	16.6



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 104.262 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051900.D

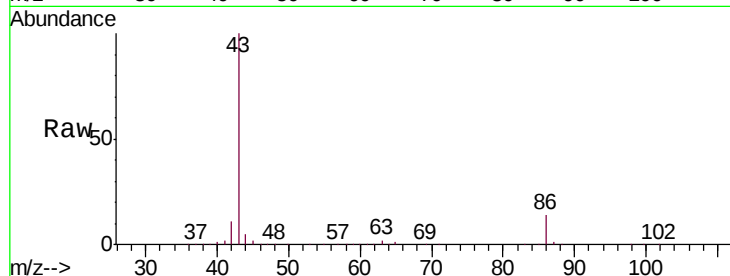
Acq: 17 Oct 2018 9:46

Tgt Ion: 43 Resp: 1142901

Ion Ratio Lower Upper

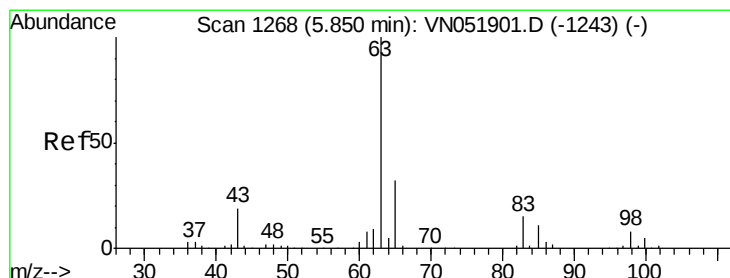
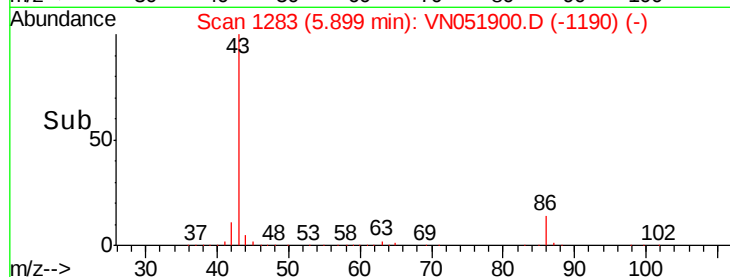
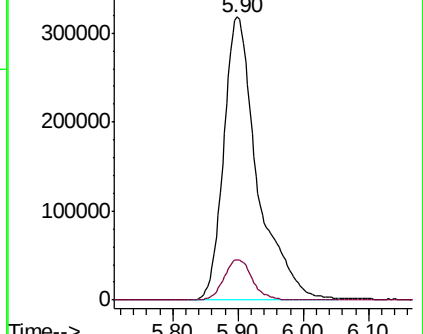
43 100

86 14.3 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VN051901.D (-1257) (-)

Ion 86.00 (85.70 to 86.70): VN051901.D (-1257) (-)



#24

1,1-Dichloroethane

Concen: 20.810 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

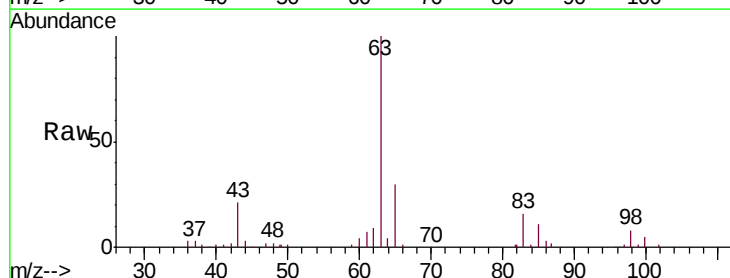
Tgt Ion: 63 Resp: 239947

Ion Ratio Lower Upper

63 100

98 7.6 4.0 12.0

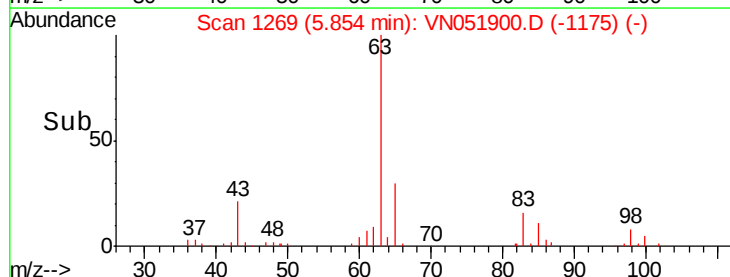
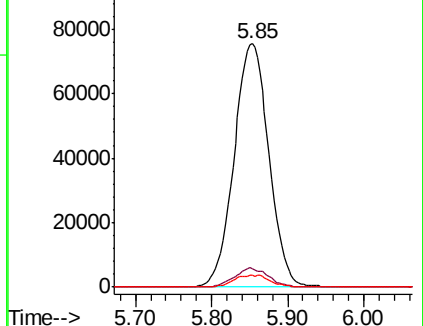
100 4.7 2.4 7.1

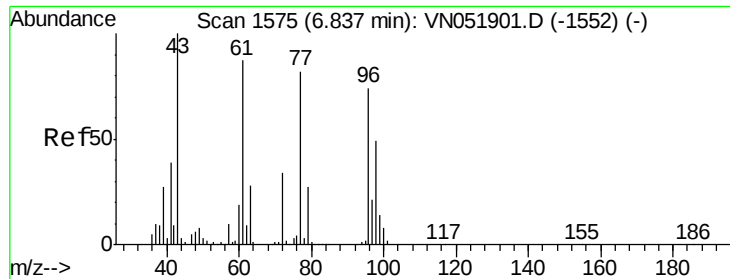


Abundance Ion 62.90 (62.60 to 63.60): VN051901.D (-1243) (-)

Ion 97.90 (97.60 to 98.60): VN051901.D (-1243) (-)

Ion 99.90 (99.60 to 100.60): VN051901.D (-1243) (-)





#25

2-Butanone

Concen: 102.538 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN051900.D

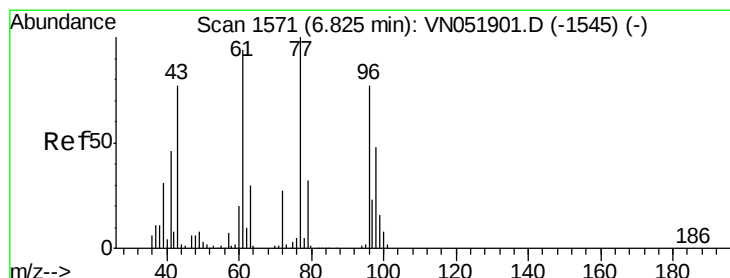
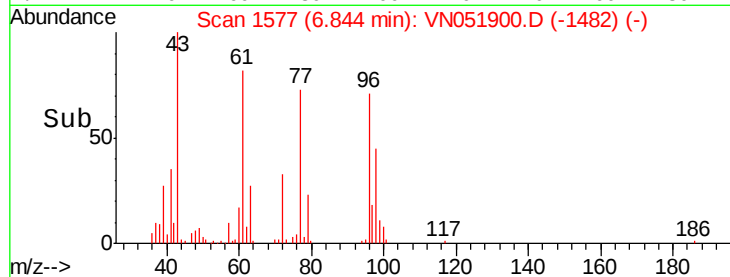
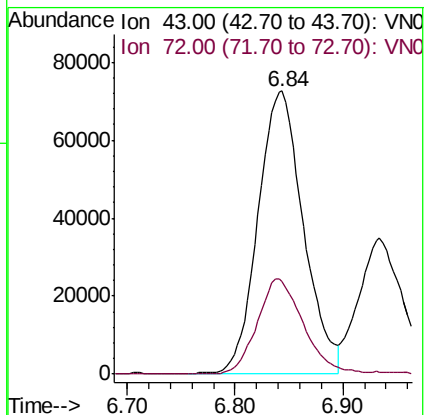
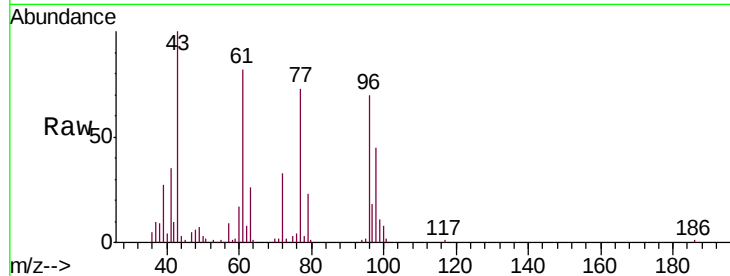
Acq: 17 Oct 2018 9:46

Tgt Ion: 43 Resp: 210849

Ion Ratio Lower Upper

43 100

72 32.8 27.0 40.6



#26

2,2-Dichloropropane

Concen: 20.956 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN051900.D

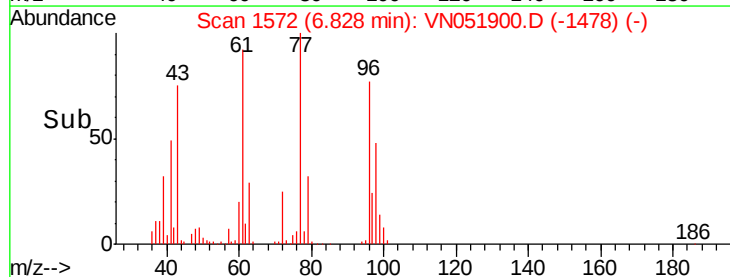
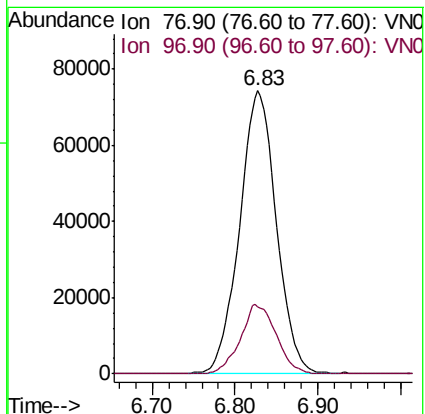
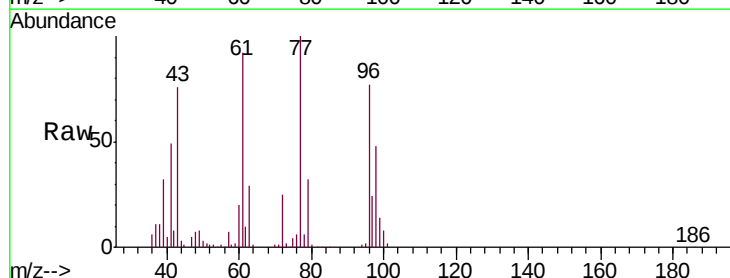
Acq: 17 Oct 2018 9:46

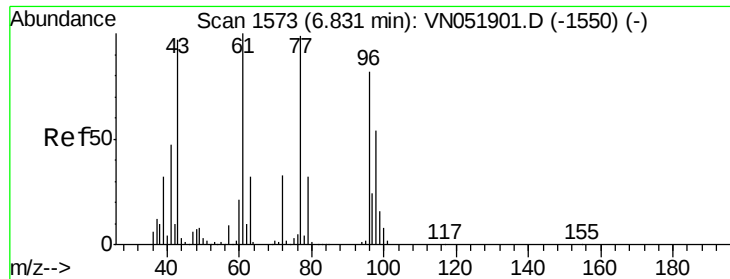
Tgt Ion: 77 Resp: 228523

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.699 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

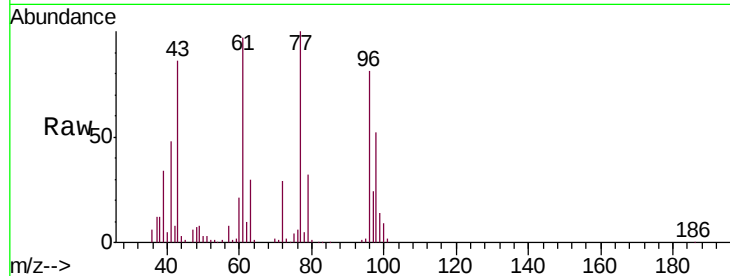
Tgt Ion: 96 Resp: 174384

Ion Ratio Lower Upper

96 100

61 120.3 0.0 240.2

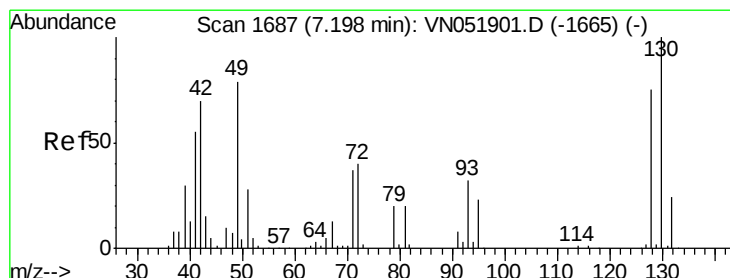
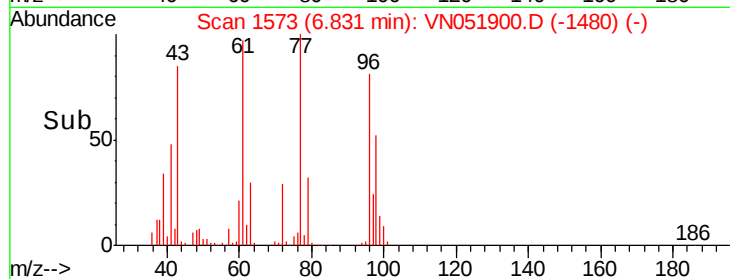
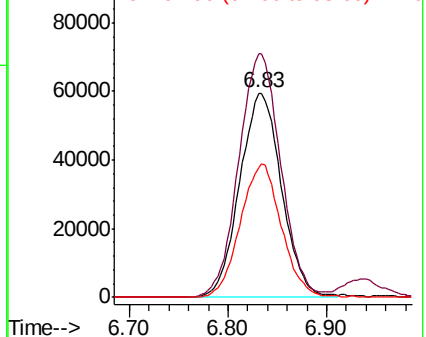
98 64.3 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN051900.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN051900.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN051900.D (-1480) (-)



#28

Bromochloromethane

Concen: 20.574 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

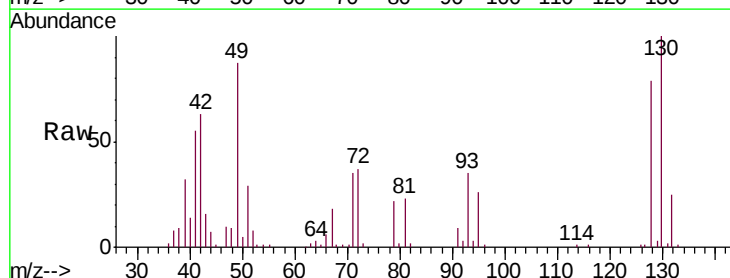
Tgt Ion: 49 Resp: 96333

Ion Ratio Lower Upper

49 100

129 3.0 0.0 6.0

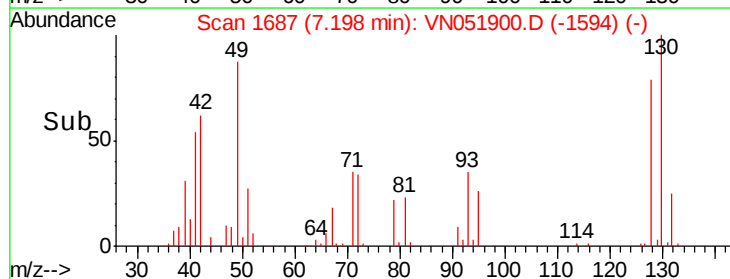
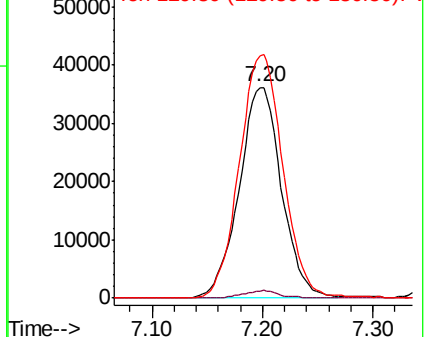
130 118.7 96.7 145.1

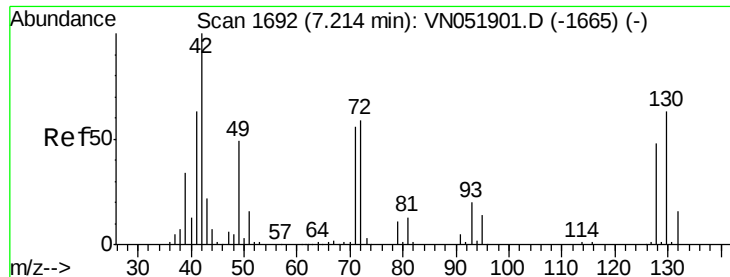


Abundance Ion 48.90 (48.60 to 49.60): VN051900.D (-1594) (-)

Ion 128.80 (128.50 to 129.50): VN051900.D (-1594) (-)

Ion 129.80 (129.50 to 130.50): VN051900.D (-1594) (-)





#29

Tetrahydrofuran

Concen: 102.504 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

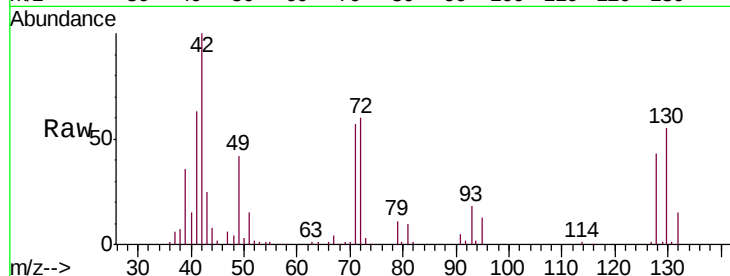
Tgt Ion: 42 Resp: 128741

Ion Ratio Lower Upper

42 100

72 59.8 47.7 71.5

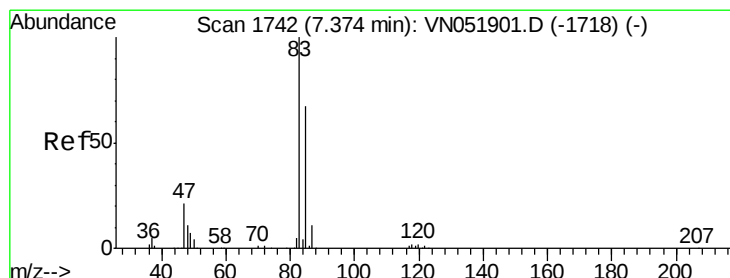
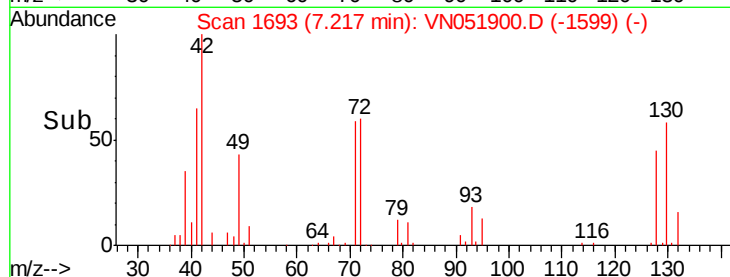
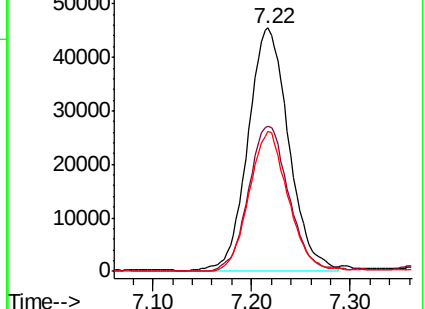
71 55.5 45.4 68.0



Abundance Ion 42.00 (41.70 to 42.70): VN051901.D (-1665) (-)

Ion 72.00 (71.70 to 72.70): VN051901.D (-1665) (-)

Ion 71.00 (70.70 to 71.70): VN051901.D (-1665) (-)



#30

Chloroform

Concen: 20.727 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN051900.D

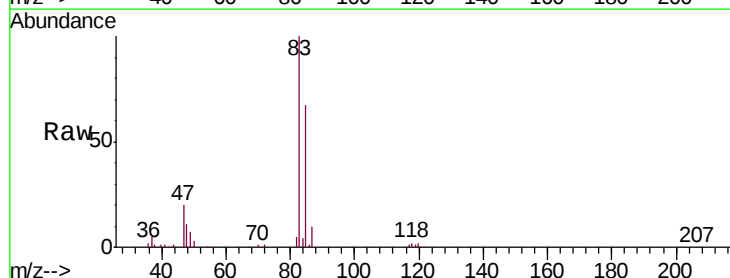
Acq: 17 Oct 2018 9:46

Tgt Ion: 83 Resp: 285914

Ion Ratio Lower Upper

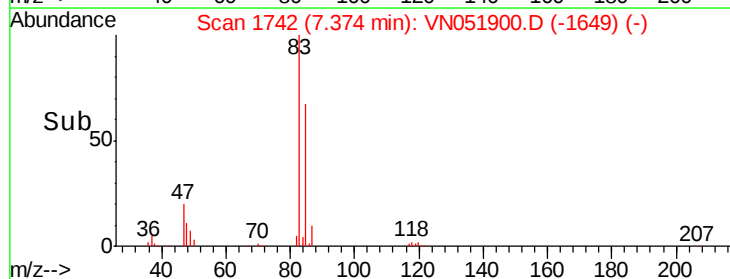
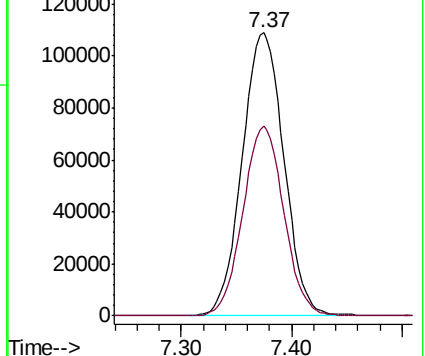
83 100

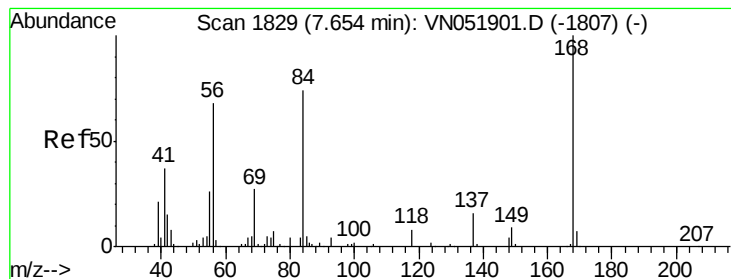
85 67.0 53.4 80.2



Abundance Ion 82.90 (82.60 to 83.60): VN051901.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN051901.D (-1718) (-)





#31

Cyclohexane

Concen: 16.230 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

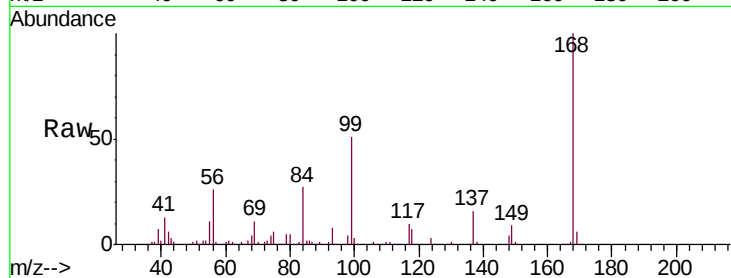
Tgt Ion: 56 Resp: 203452

Ion Ratio Lower Upper

56 100

69 43.3 31.2 46.8

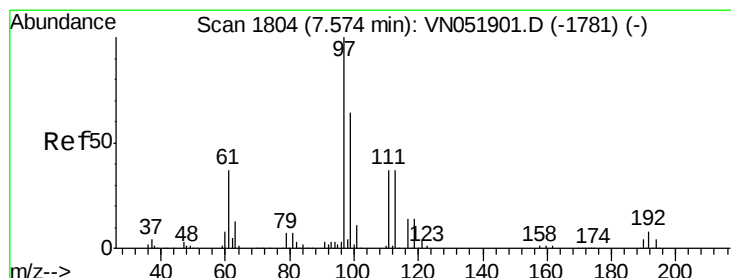
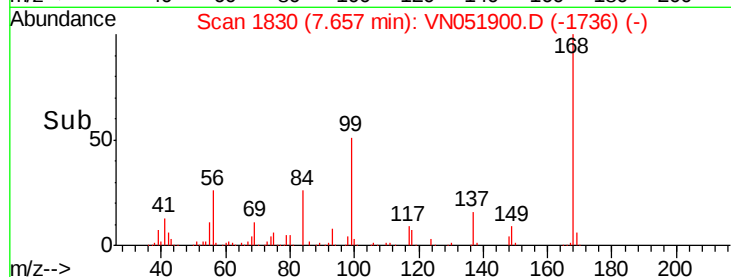
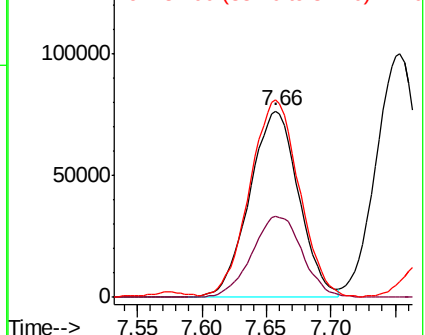
84 104.5 86.6 130.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 20.298 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

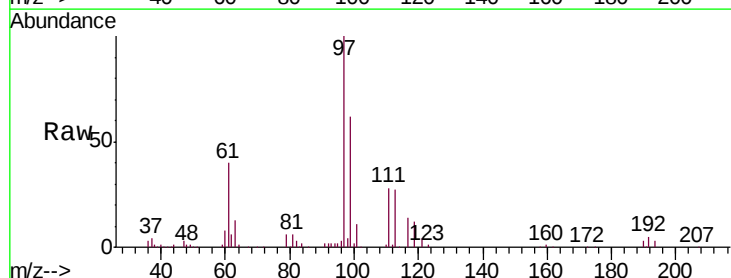
Tgt Ion: 97 Resp: 261152

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

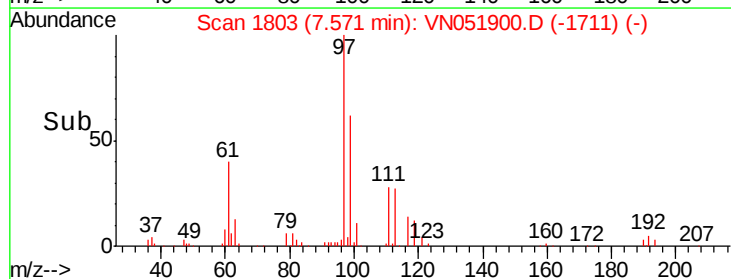
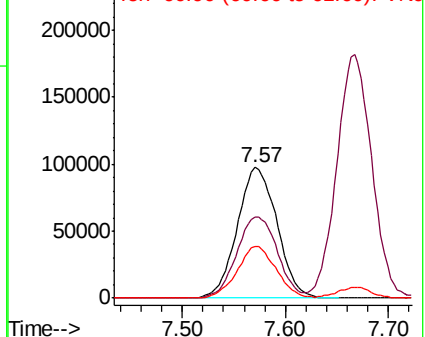
61 38.9 29.8 44.6

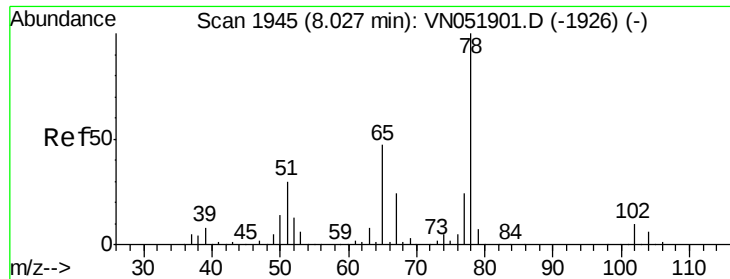


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 20.298 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051900.D

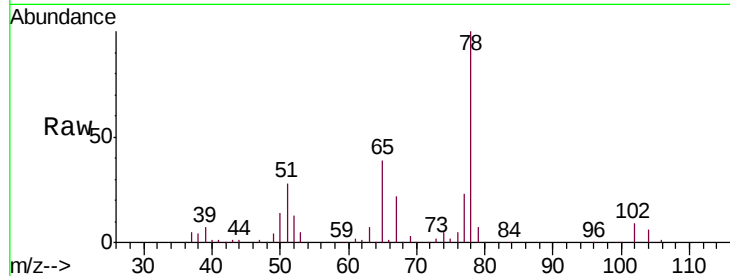
Acq: 17 Oct 2018 9:46

Tgt Ion: 65 Resp: 164028

Ion Ratio Lower Upper

65 100

67 54.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN051900.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051900.D (-1926) (-)

8.03

60000

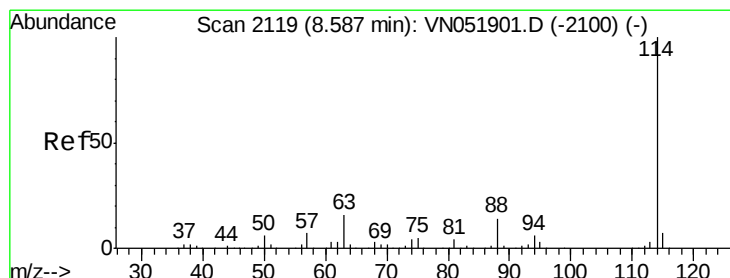
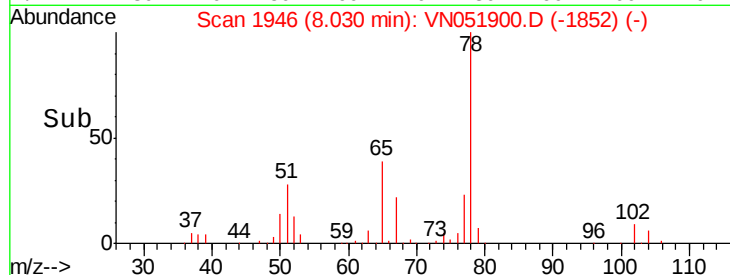
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

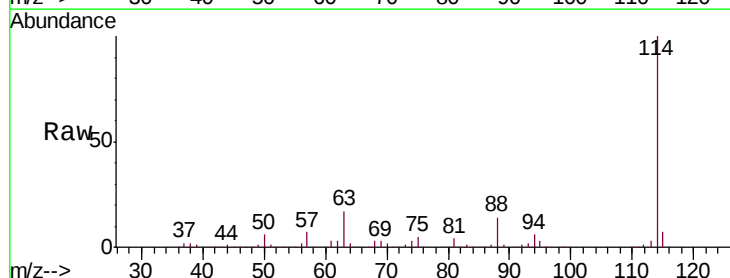
Tgt Ion: 114 Resp: 1291574

Ion Ratio Lower Upper

114 100

63 16.6 0.0 31.8

88 13.9 0.0 28.0



Abundance Ion 113.90 (113.60 to 114.60): VN051900.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN051900.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN051900.D (-2100) (-)

8.59

600000

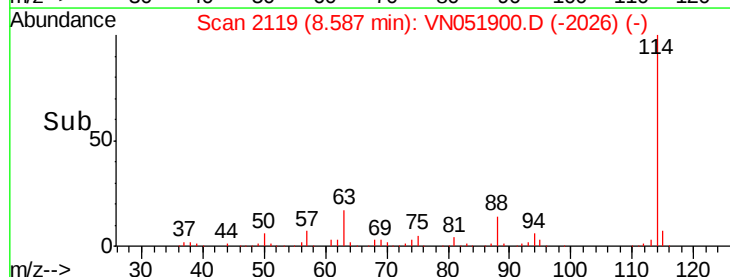
400000

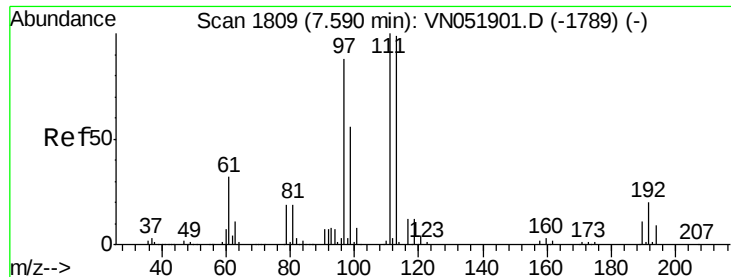
200000

0

8.50 8.60 8.70

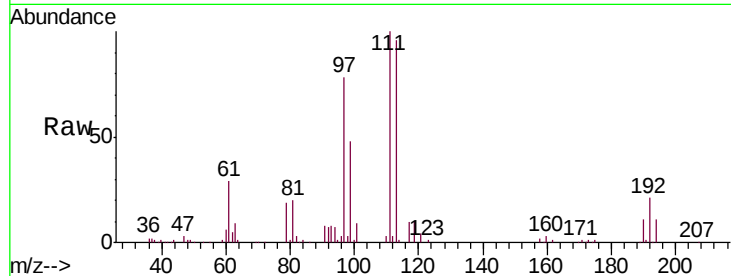
Time-->



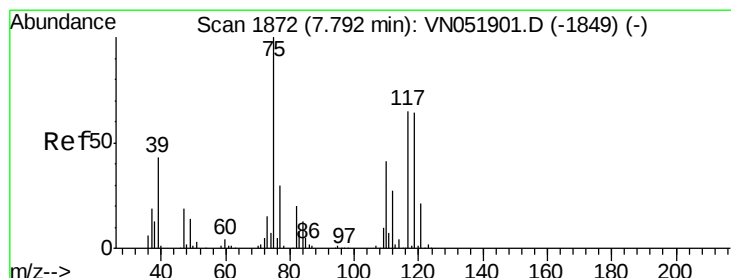
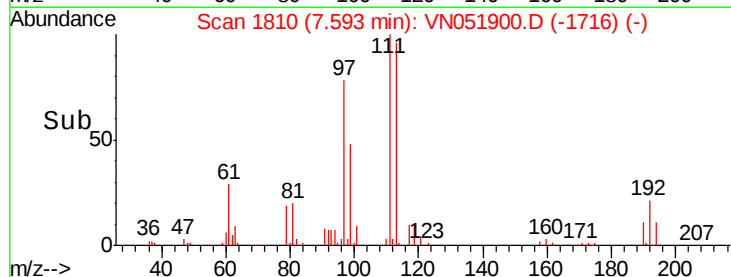
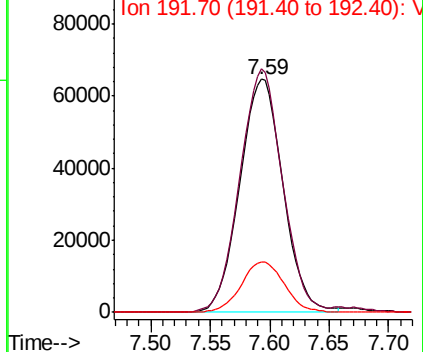


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	21.5	17.3	25.9

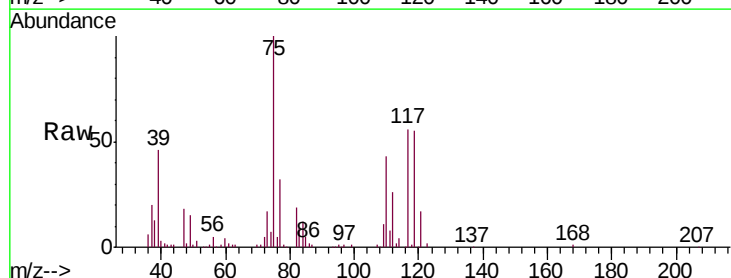


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

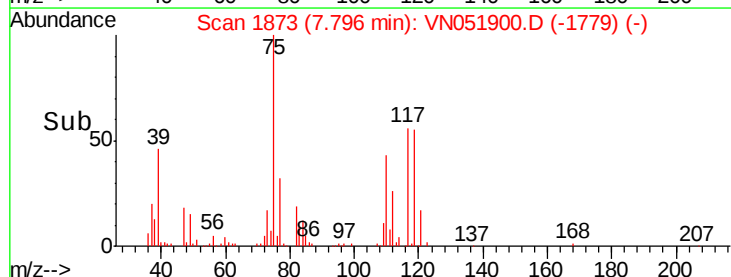
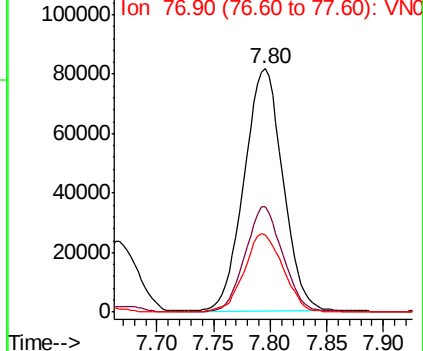


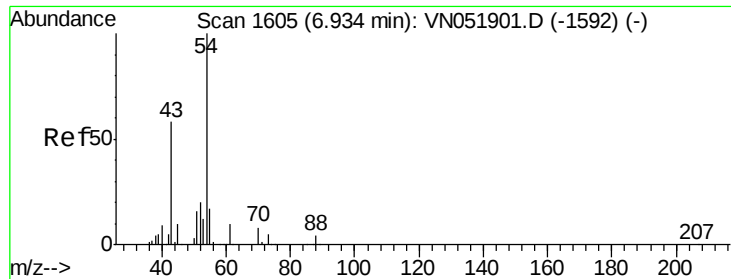
#36
 1,1-Dichloropropene
 Concen: 19.451 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.0	21.0	63.0
77	32.4	24.9	37.3



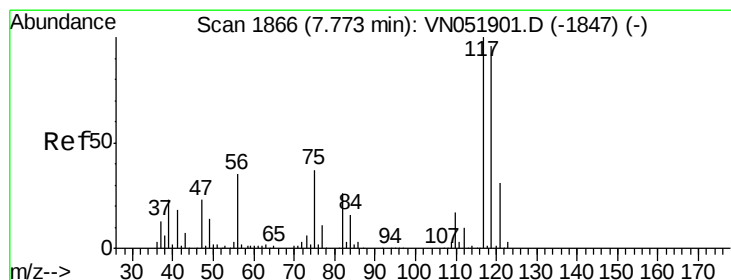
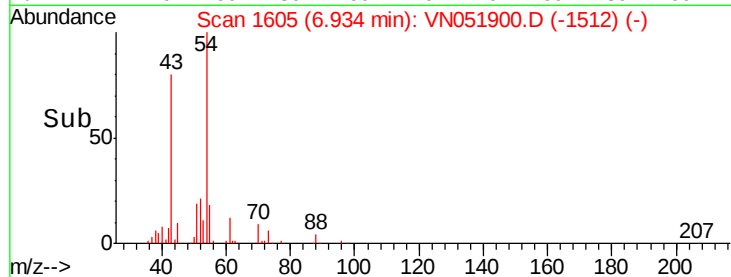
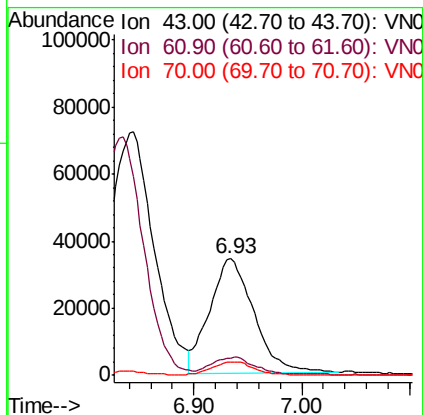
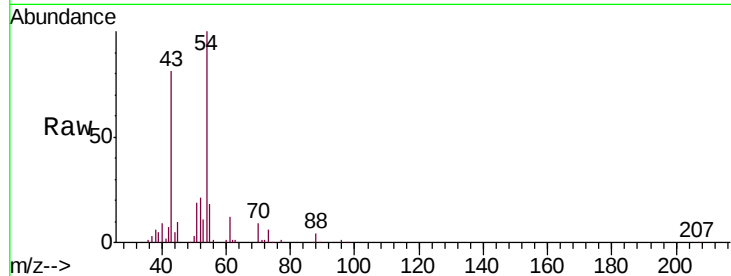
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





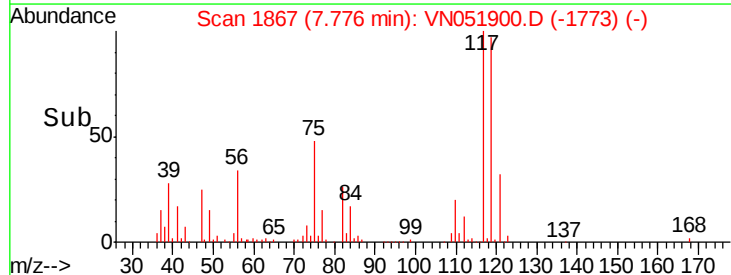
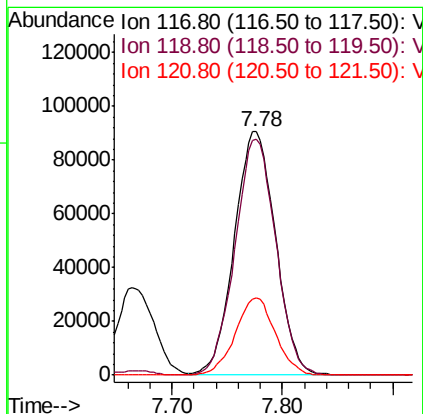
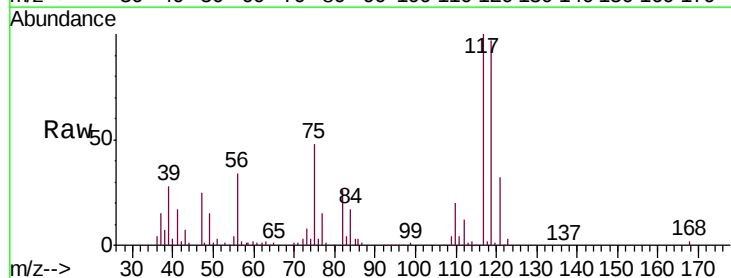
#37
Ethyl Acetate
Concen: 22.038 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

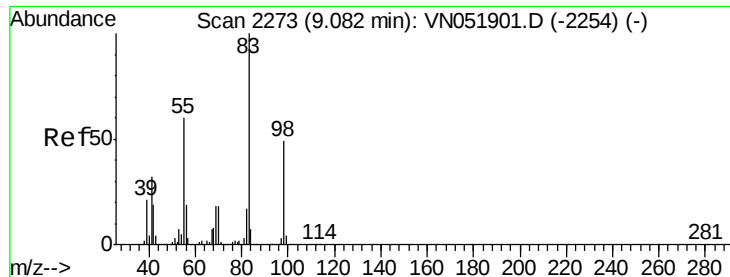
Tgt Ion: 43 Resp: 96980
Ion Ratio Lower Upper
43 100
61 14.1 13.0 19.6
70 11.8 10.4 15.6



#38
Carbon Tetrachloride
Concen: 19.747 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion: 117 Resp: 233119
Ion Ratio Lower Upper
117 100
119 97.0 77.0 115.6
121 31.6 25.1 37.7





#39

Methylcyclohexane

Concen: 19.773 ug/l

RT: 9.08 min Scan# 2273

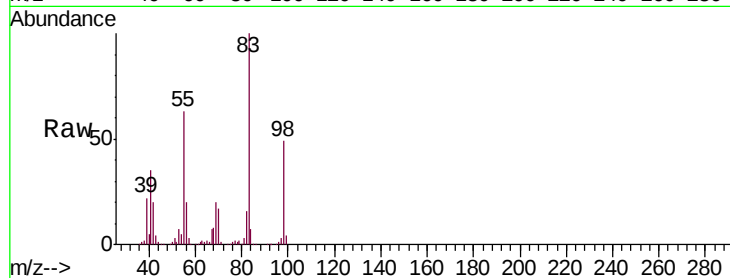
Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

Tgt Ion: 83 Resp: 245451

Ion	Ratio	Lower	Upper
83	100		
55	63.2	47.8	71.8
98	48.7	39.0	58.4

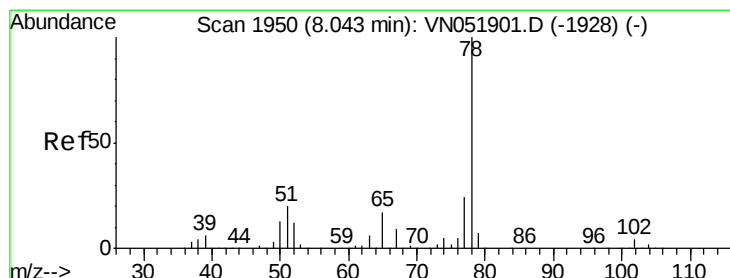
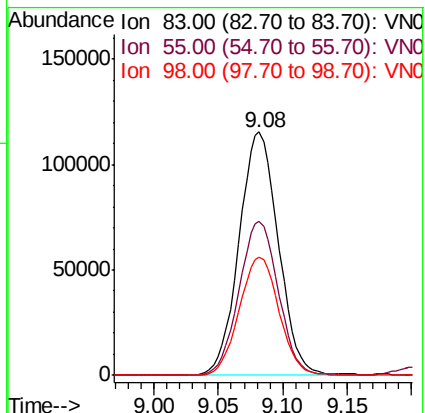
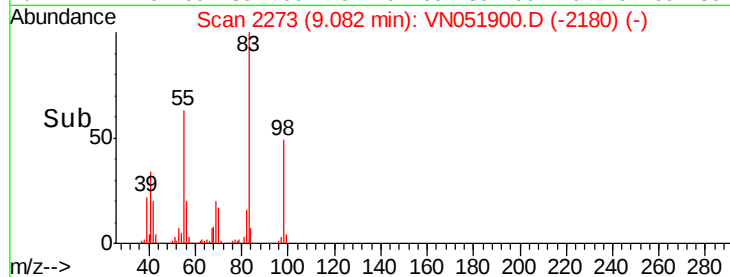


Abundance

Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 20.282 ug/l

RT: 8.04 min Scan# 1950

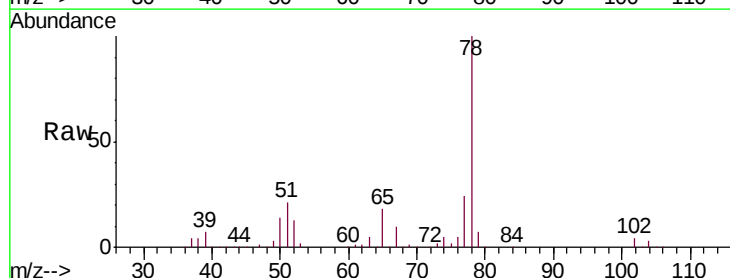
Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

Tgt Ion: 78 Resp: 593967

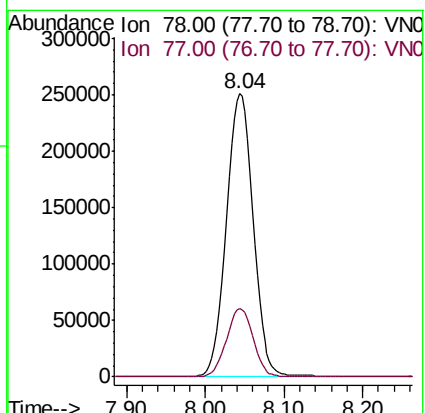
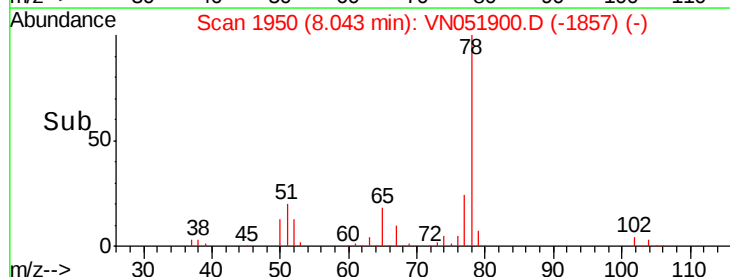
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3

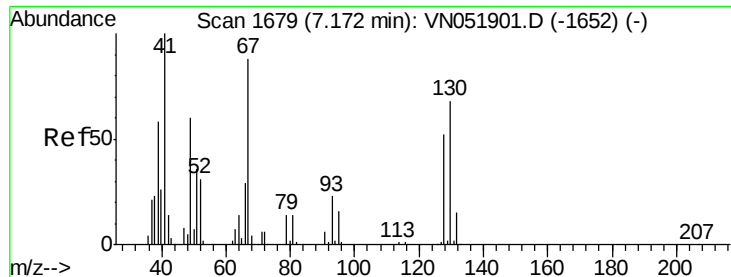


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 18.818 ug/l

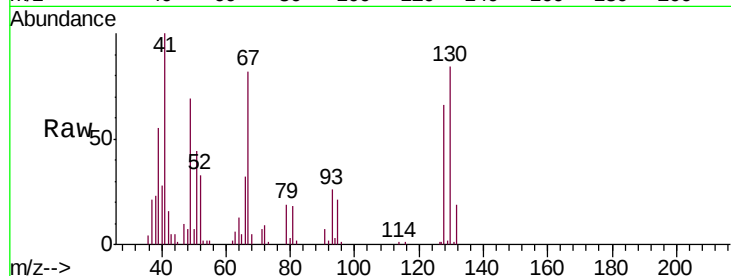
RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

Tgt Ion:	41	Resp:	42825
Ion	Ratio	Lower	Upper
41	100		
39	0.0	56.1	84.1#
67	113.5	106.5	159.7
52	48.8	39.4	59.0

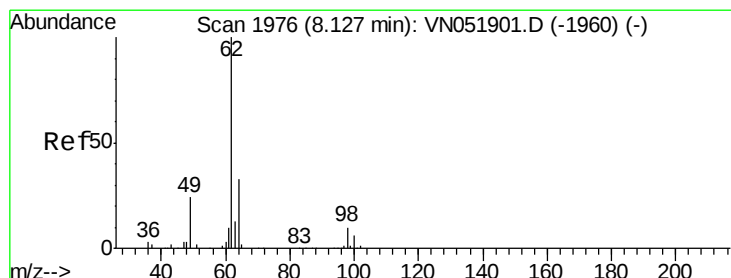
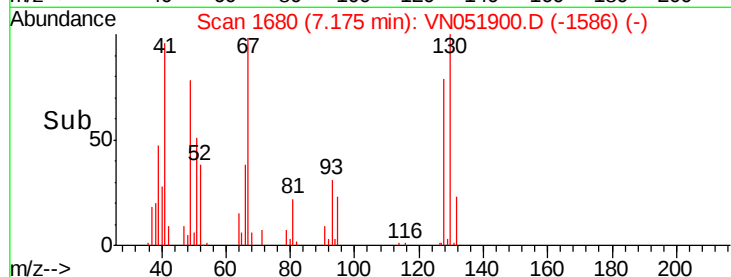
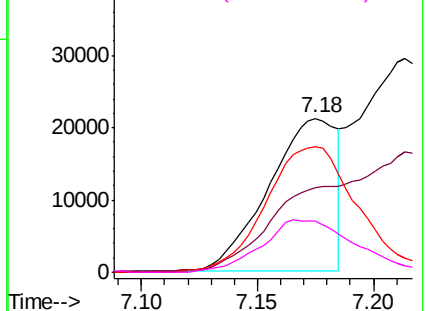


Abundance Ion 41.00 (40.70 to 41.70): VN051900.D (-1652) (-)

Ion 39.00 (38.70 to 39.70): VN051900.D (-1652) (-)

Ion 67.00 (66.70 to 67.70): VN051900.D (-1652) (-)

Ion 52.00 (51.70 to 52.70): VN051900.D (-1652) (-)



#42

1,2-Dichloroethane

Concen: 20.418 ug/l

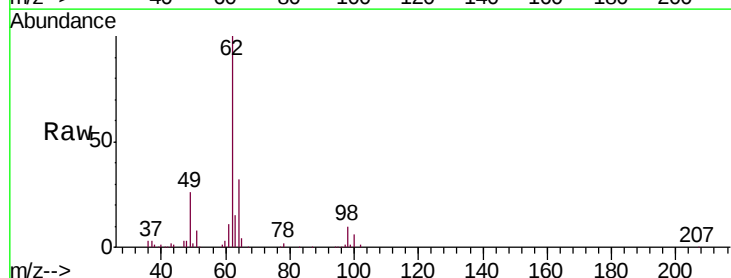
RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN051900.D

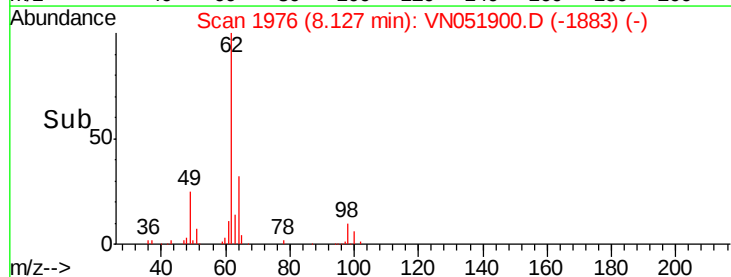
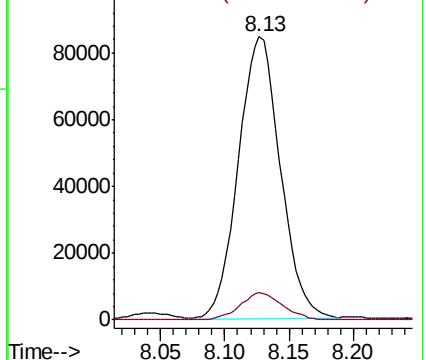
Acq: 17 Oct 2018 9:46

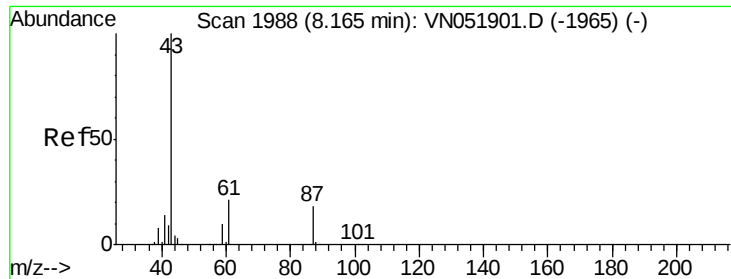
Tgt Ion:	62	Resp:	191558
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6



Abundance Ion 61.90 (61.60 to 62.60): VN051900.D (-1883) (-)

Ion 97.90 (97.60 to 98.60): VN051900.D (-1883) (-)





#43

Isopropyl Acetate

Concen: 20.806 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

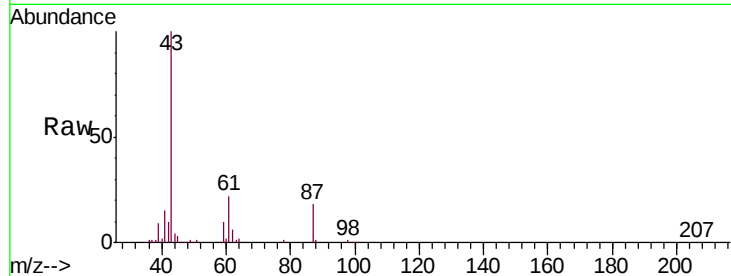
Tgt Ion: 43 Resp: 185095

Ion Ratio Lower Upper

43 100

61 21.4 24.9 37.3#

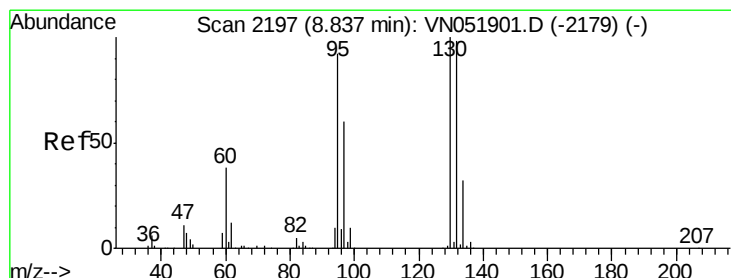
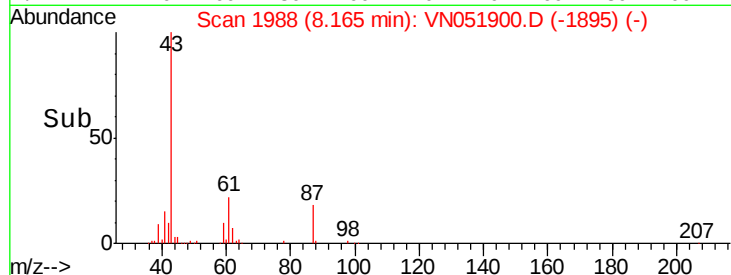
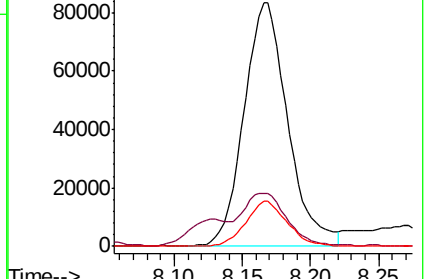
87 17.5 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VN051900.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN051900.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN051900.D (-1965) (-)



#44

Trichloroethene

Concen: 20.011 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN051900.D

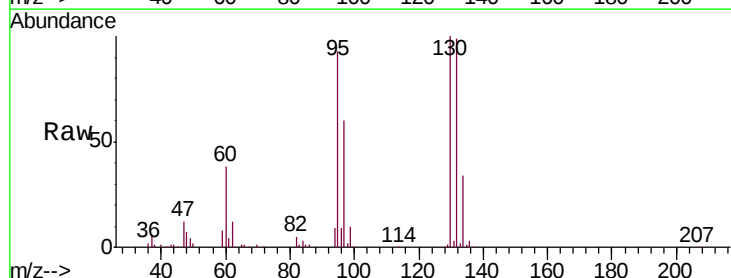
Acq: 17 Oct 2018 9:46

Tgt Ion: 130 Resp: 183904

Ion Ratio Lower Upper

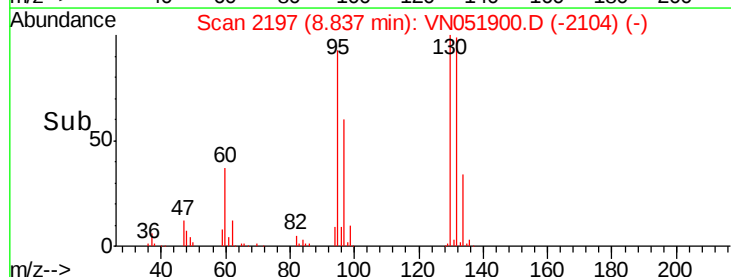
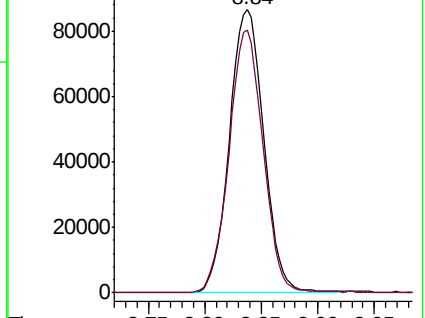
130 100

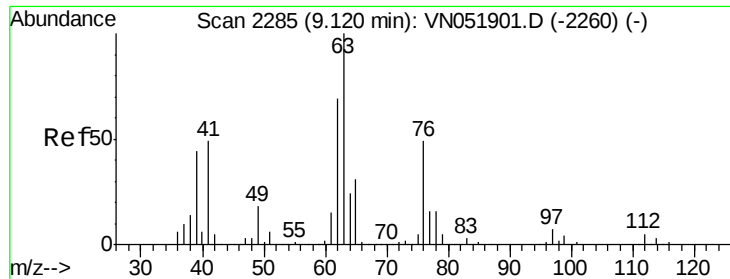
95 92.8 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): VN051900.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051900.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 20.281 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051900.D

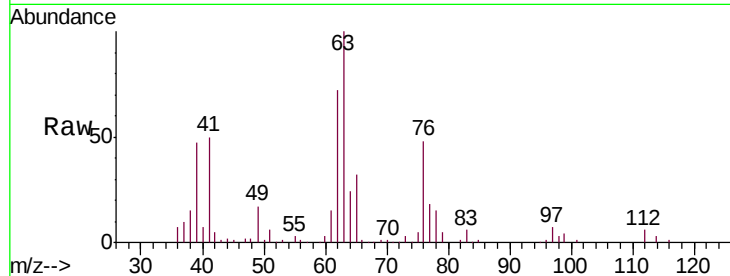
Acq: 17 Oct 2018 9:46

Tgt Ion: 63 Resp: 137339

Ion Ratio Lower Upper

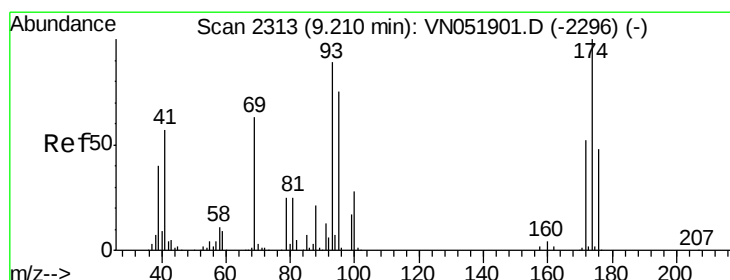
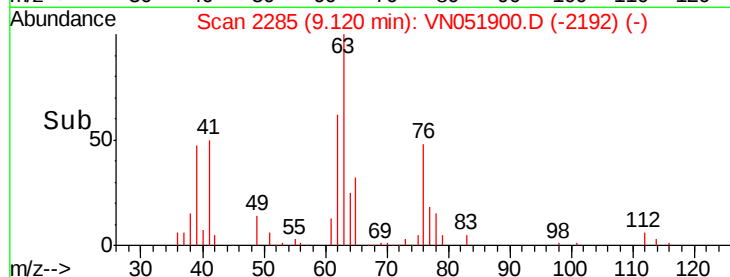
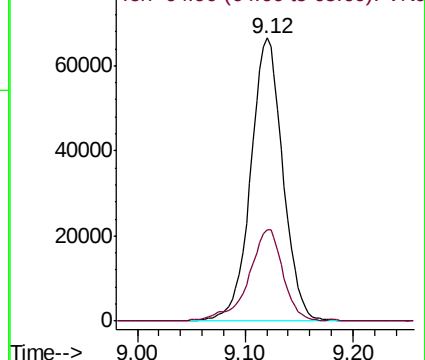
63 100

65 32.1 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.281 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

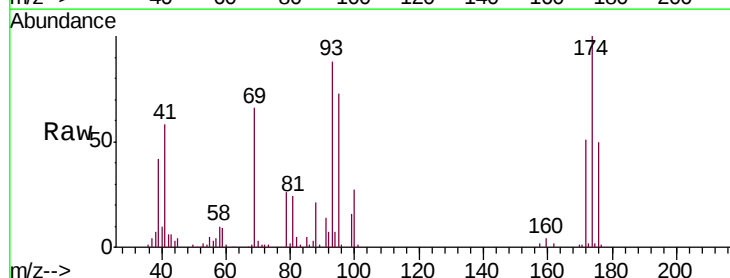
Tgt Ion: 93 Resp: 104682

Ion Ratio Lower Upper

93 100

95 83.3 67.8 101.6

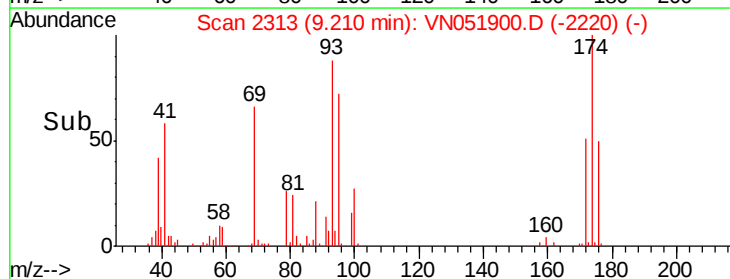
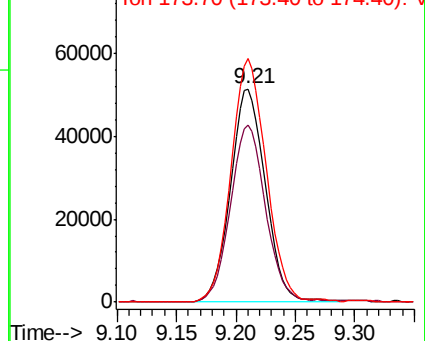
174 114.6 91.9 137.9

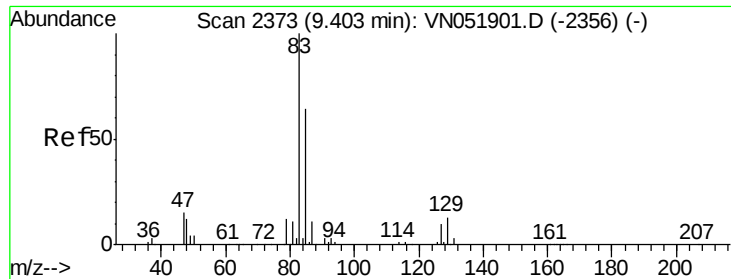


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.515 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

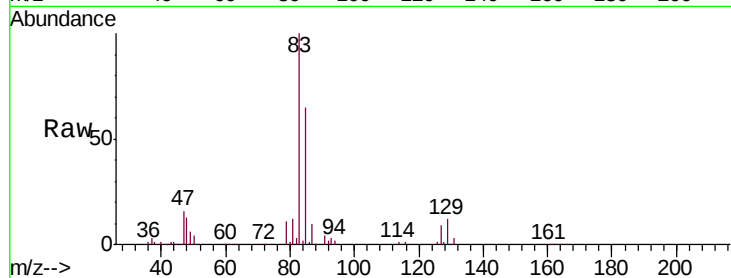
Tgt Ion: 83 Resp: 212230

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.2

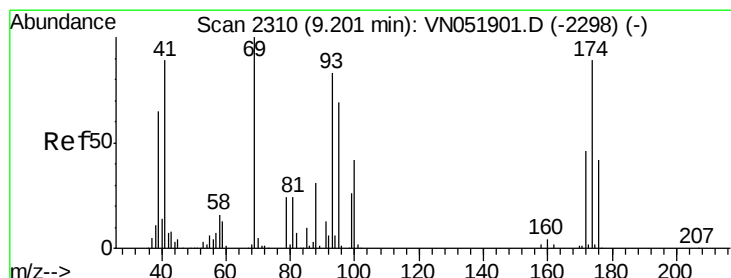
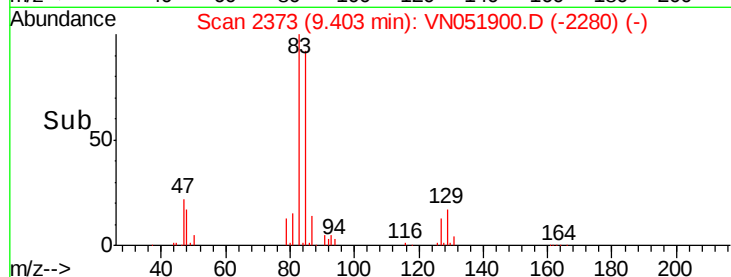
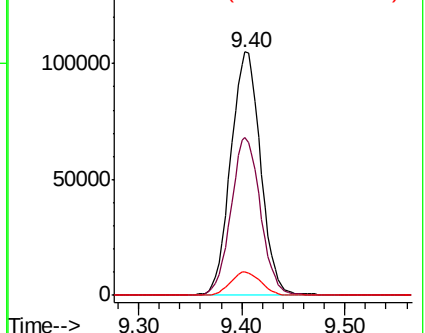
127 9.4 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VN051900.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN051900.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN051900.D (-2356) (-)



#48

Methyl methacrylate

Concen: 20.195 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

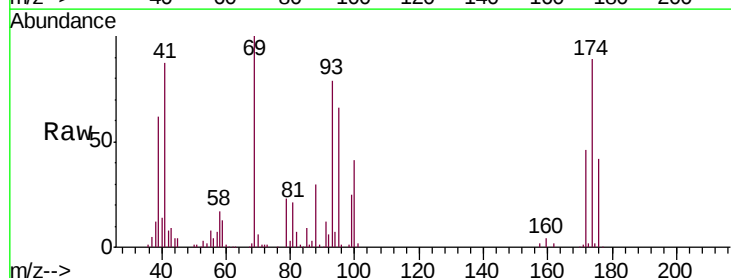
Tgt Ion: 41 Resp: 81725

Ion Ratio Lower Upper

41 100

69 118.2 90.2 135.2

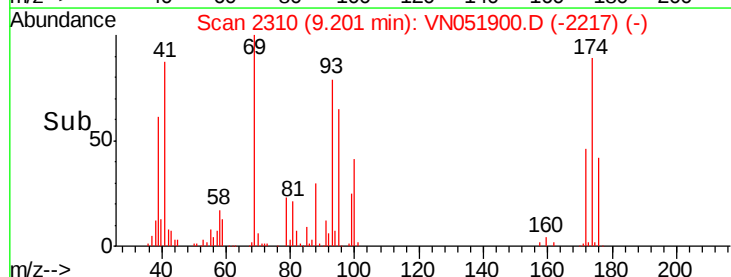
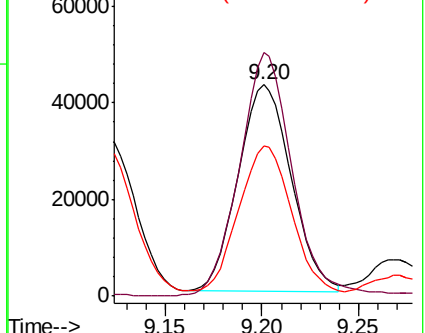
39 73.4 59.7 89.5

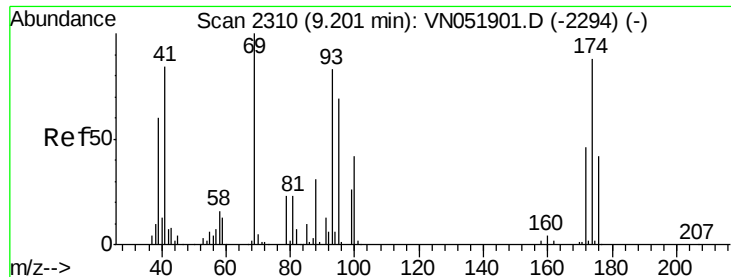


Abundance Ion 41.00 (40.70 to 41.70): VN051900.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051900.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051900.D (-2217) (-)





#49

1,4-Dioxane

Concen: 406.987 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

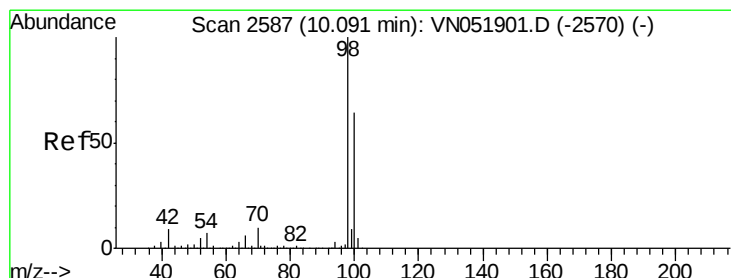
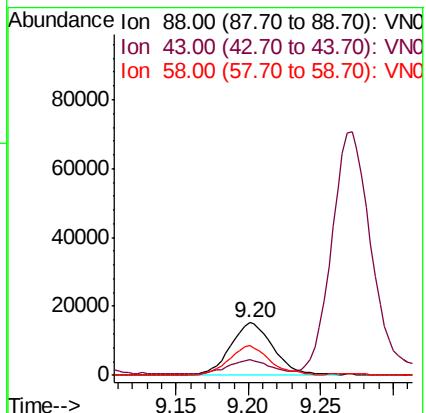
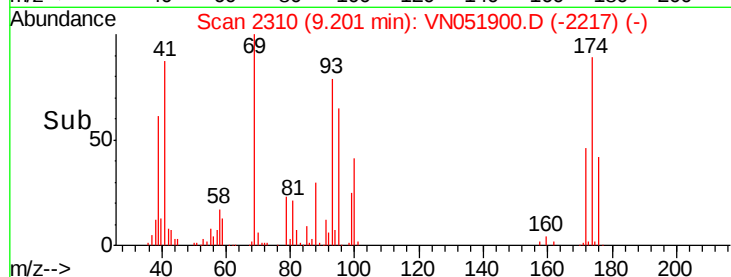
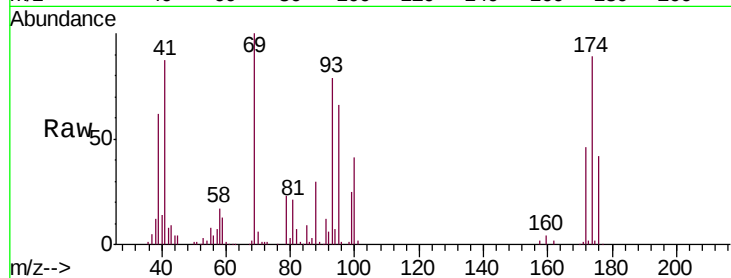
Tgt Ion: 88 Resp: 31282

Ion Ratio Lower Upper

88 100

43 24.9 19.7 29.5

58 53.6 42.6 64.0



#50

Toluene-d8

Concen: 406.987 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051900.D

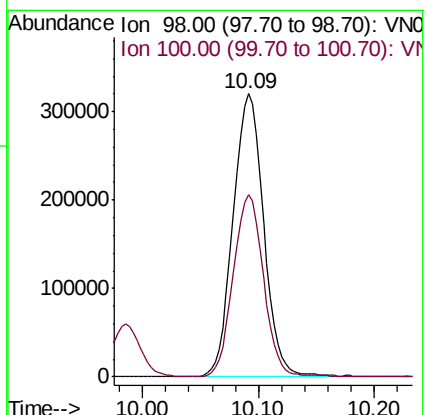
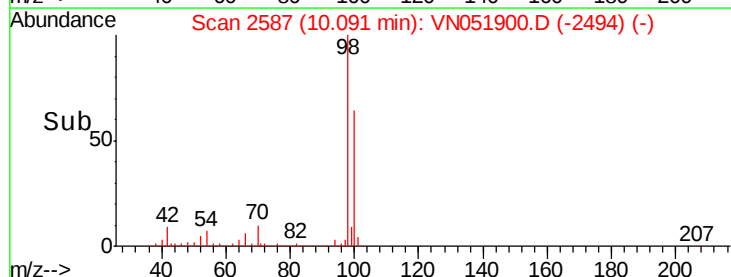
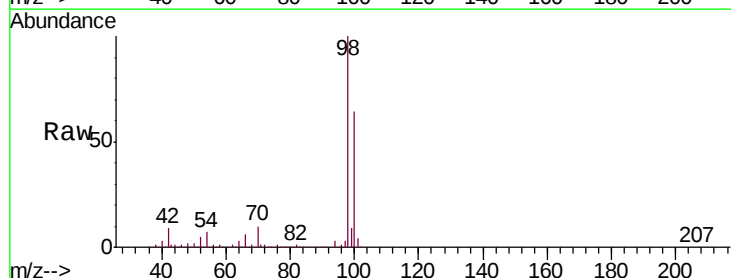
Acq: 17 Oct 2018 9:46

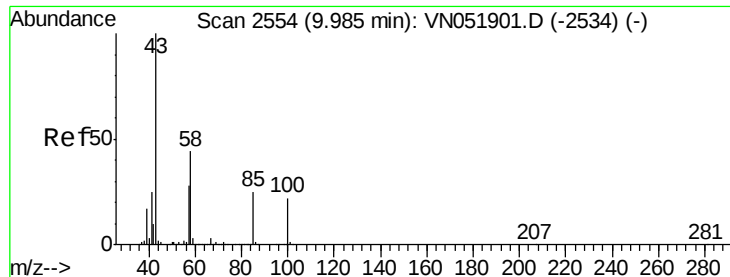
Tgt Ion: 98 Resp: 586850

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 105.903 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051900.D

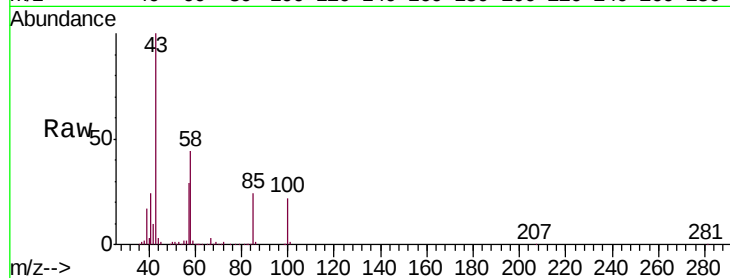
Acq: 17 Oct 2018 9:46

Tgt Ion: 43 Resp: 494207

Ion Ratio Lower Upper

43 100

58 43.2 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN051901.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN051901.D (-2534) (-)

9.99

250000

200000

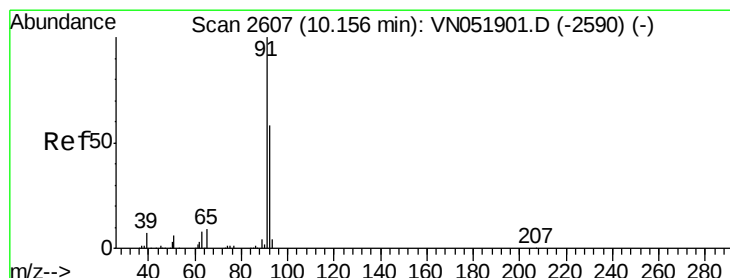
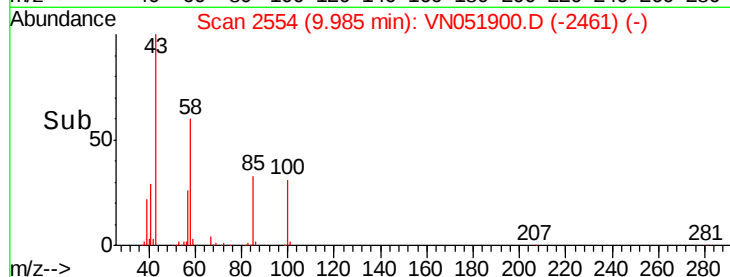
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.272 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051900.D

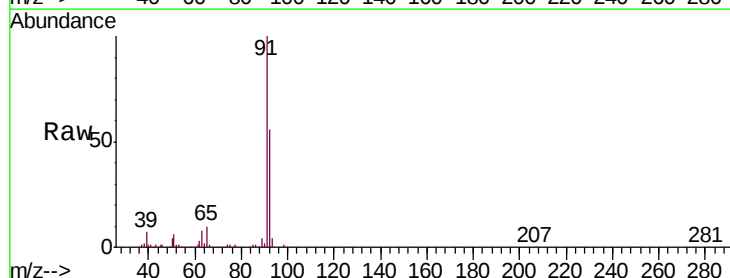
Acq: 17 Oct 2018 9:46

Tgt Ion: 92 Resp: 397130

Ion Ratio Lower Upper

92 100

91 177.3 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN051901.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051901.D (-2590) (-)

10.16

400000

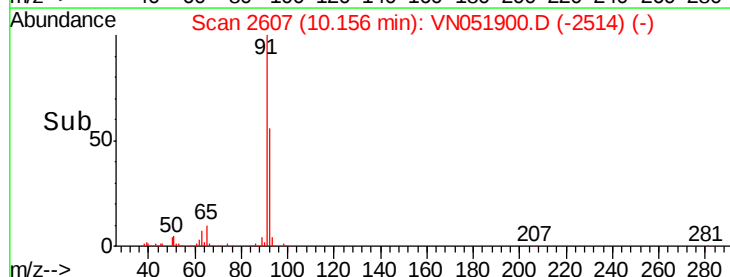
300000

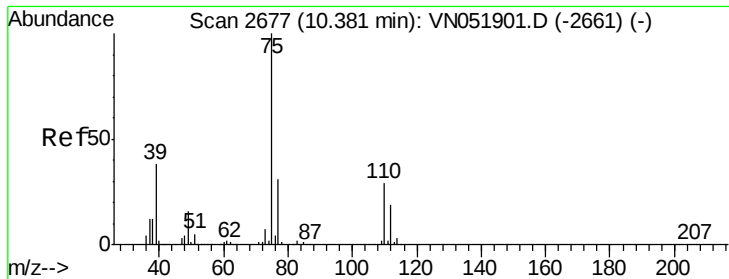
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.982 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051900.D

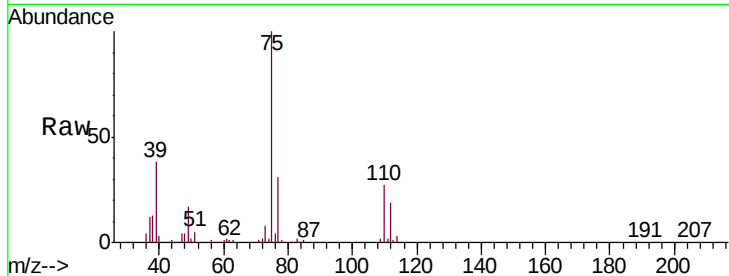
Acq: 17 Oct 2018 9:46

Tgt Ion: 75 Resp: 195889

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

120000

100000

80000

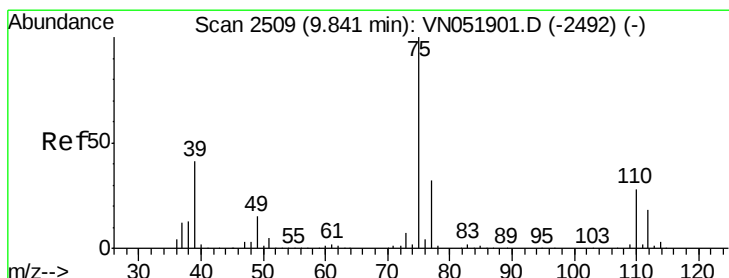
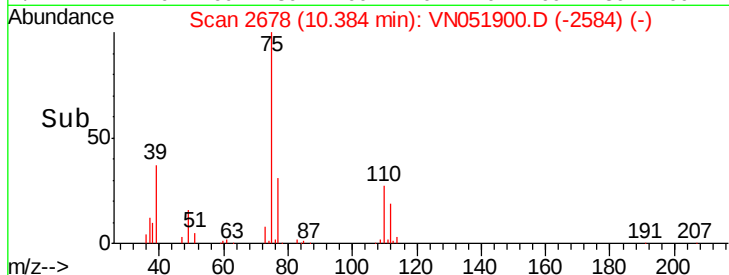
60000

40000

20000

0

Time--> 10.30 10.40



#54

cis-1,3-Dichloropropene

Concen: 20.398 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

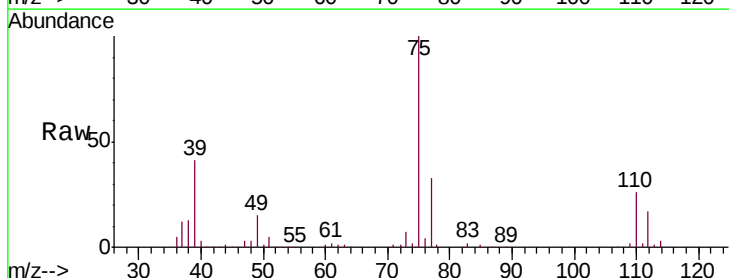
Tgt Ion: 75 Resp: 222981

Ion Ratio Lower Upper

75 100

77 32.7 25.3 37.9

39 40.9 32.8 49.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

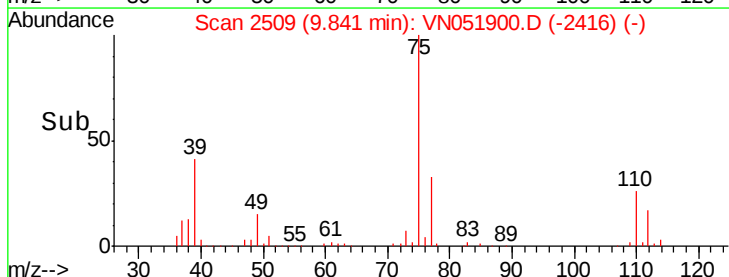
150000

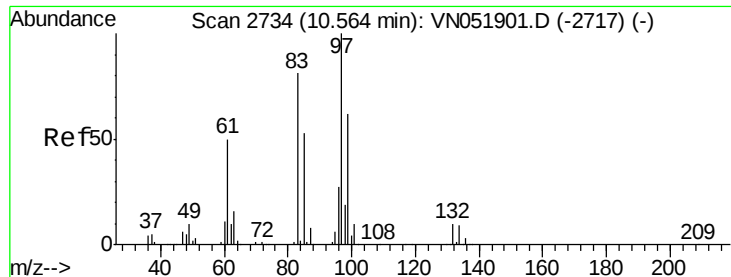
100000

50000

0

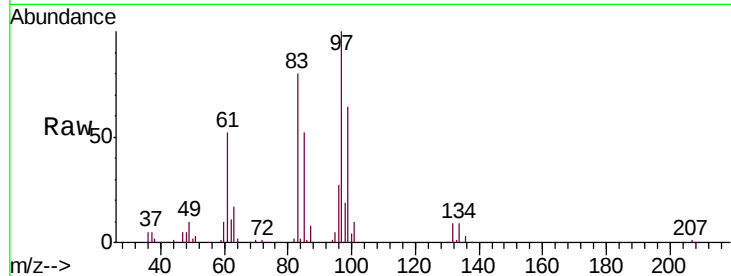
Time--> 9.75 9.80 9.85 9.90





#55
 1,1,2-Trichloroethane
 Concen: 20.607 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion:	97	Resp:	147918
Ion	Ratio	Lower	Upper
97	100		
83	79.5	64.6	96.8
85	51.8	42.3	63.5
99	64.0	49.7	74.5



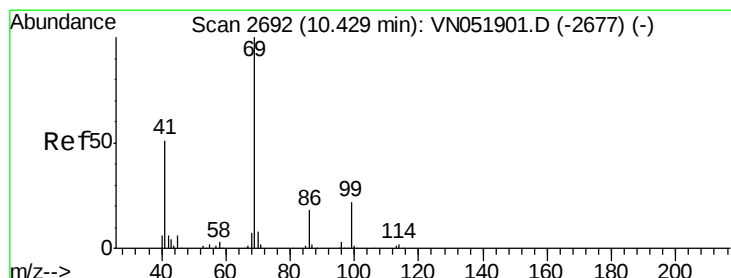
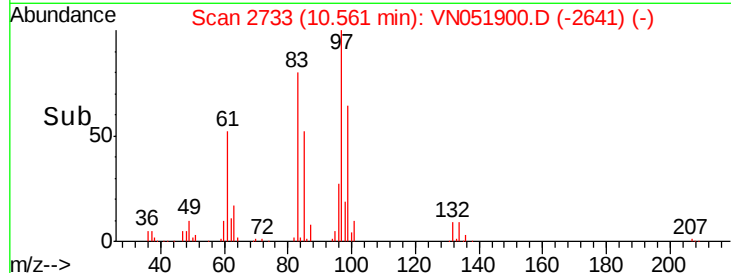
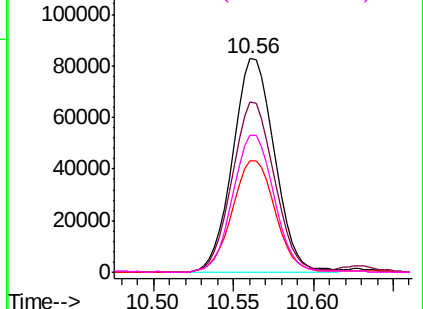
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

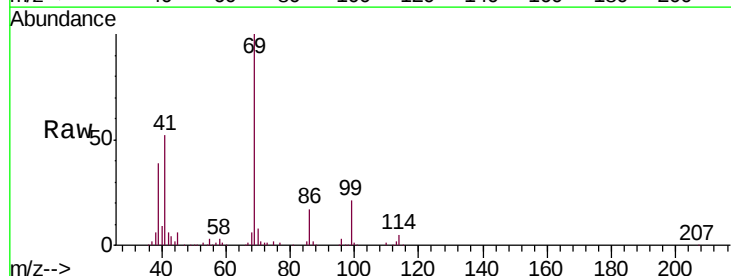
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 20.074 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion:	69	Resp:	161096
Ion	Ratio	Lower	Upper
69	100		
41	52.7	40.6	61.0
39	38.0	29.4	44.0

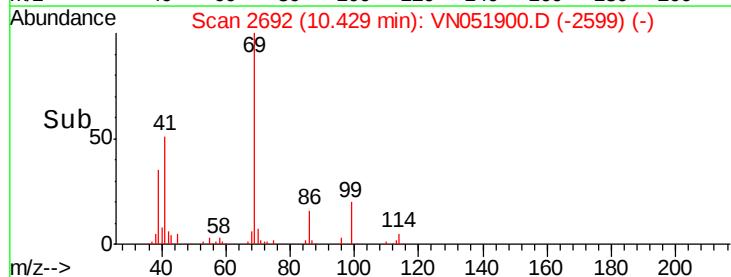
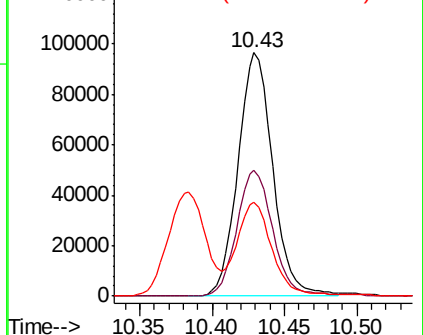


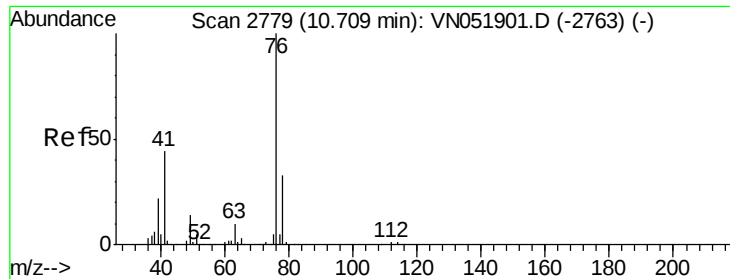
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

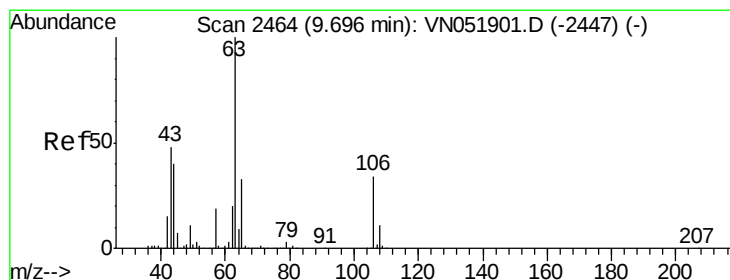
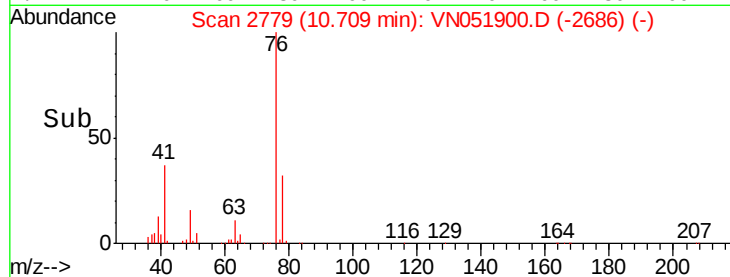
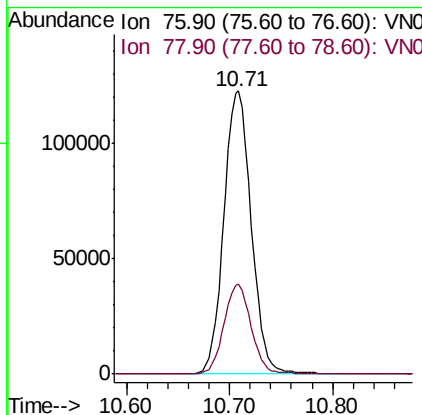
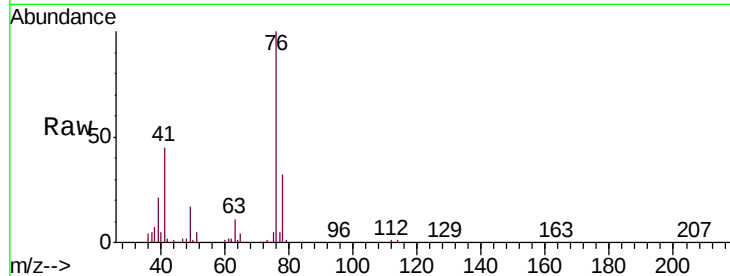
Ion 39.00 (38.70 to 39.70): VNO





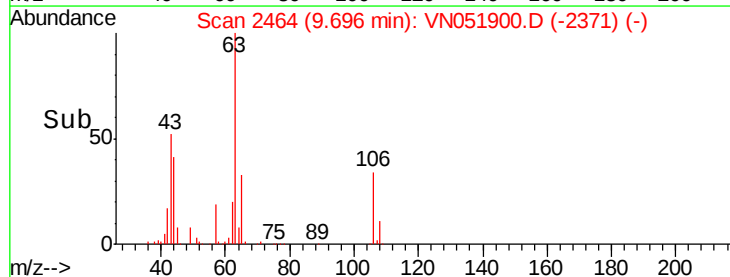
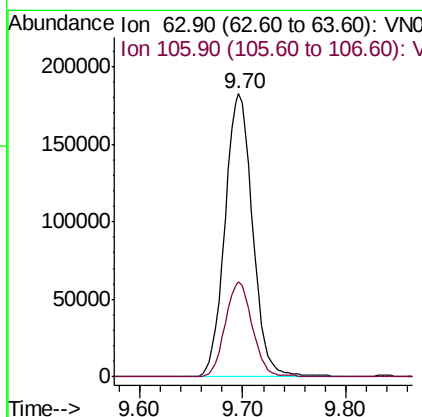
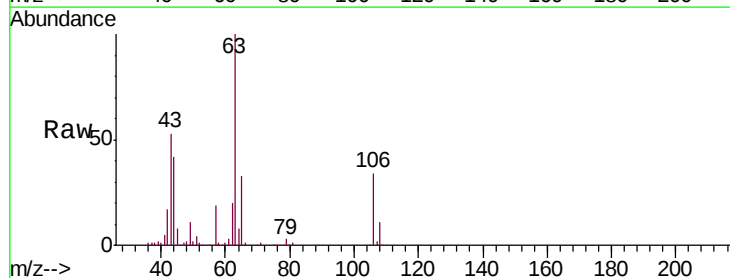
#57
 1,3-Dichloropropane
 Concen: 20.804 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

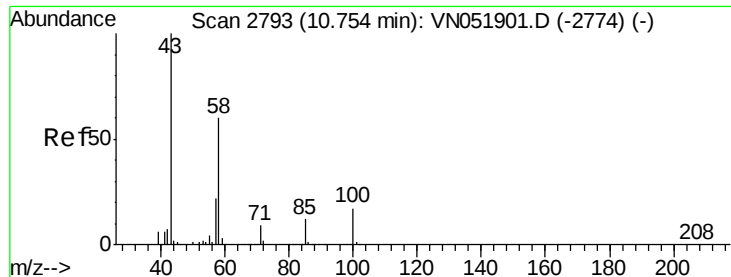
Tgt Ion: 76 Resp: 227371
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.471 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

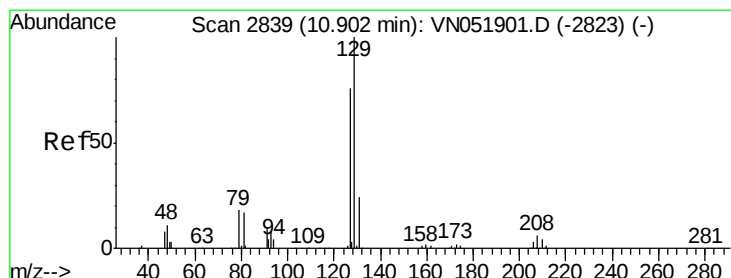
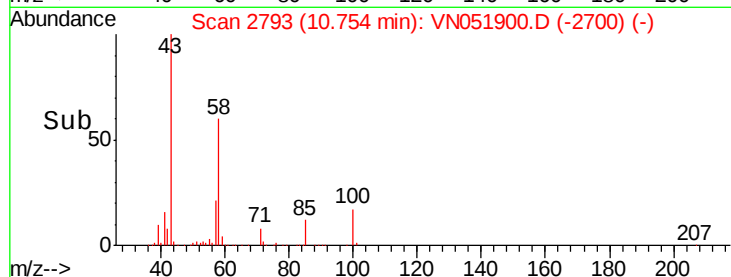
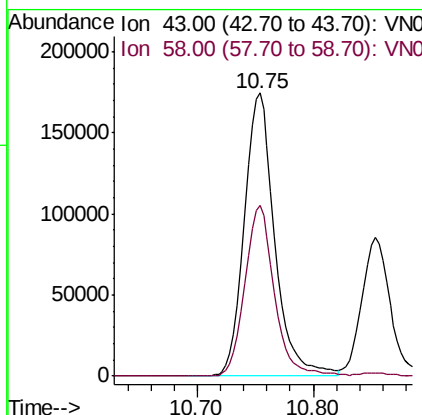
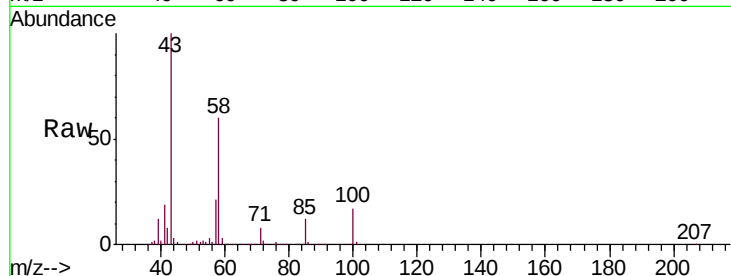
Tgt Ion: 63 Resp: 341592
 Ion Ratio Lower Upper
 63 100
 106 32.9 27.5 41.3





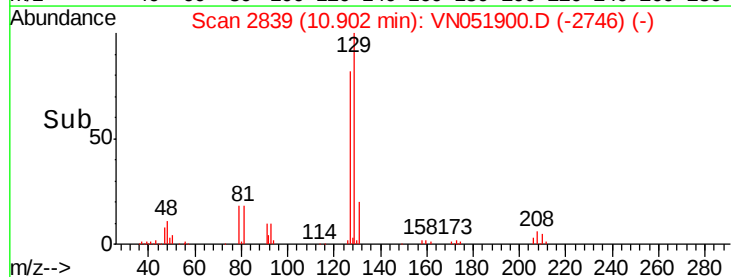
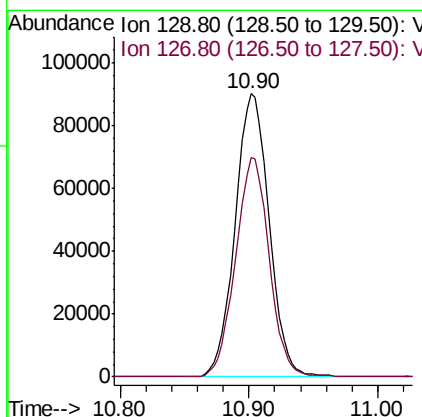
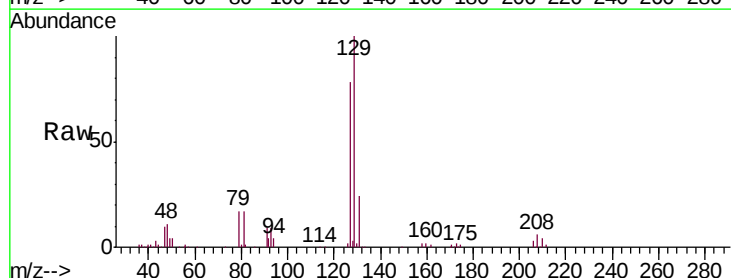
#59
2-Hexanone
Concen: 101.327 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

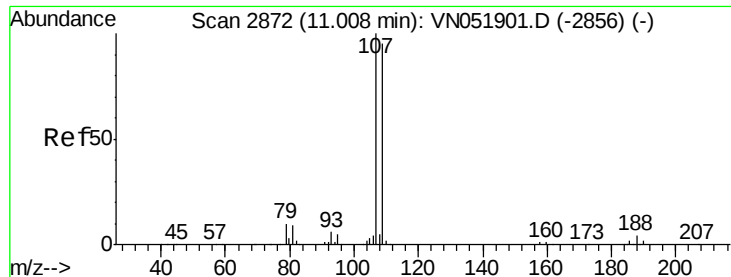
Tgt Ion: 43 Resp: 317061
Ion Ratio Lower Upper
43 100
58 58.9 29.8 89.5



#60
Dibromochloromethane
Concen: 19.653 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

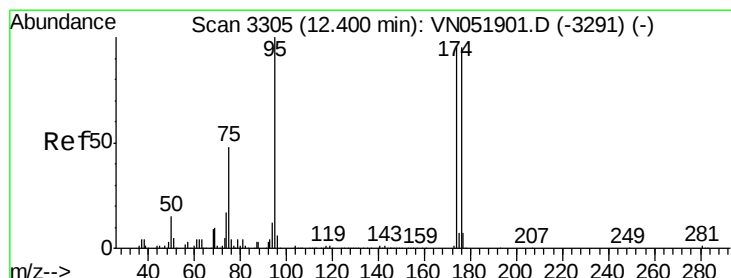
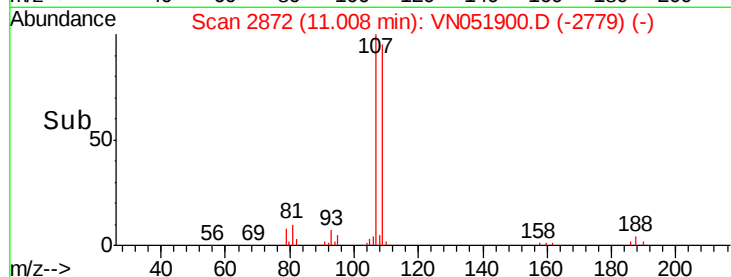
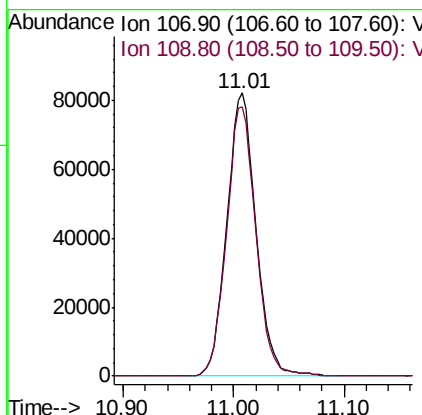
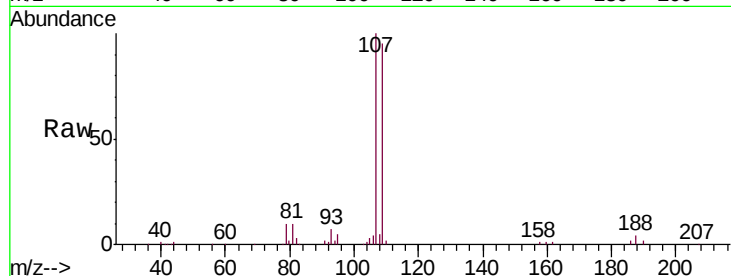
Tgt Ion: 129 Resp: 165559
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





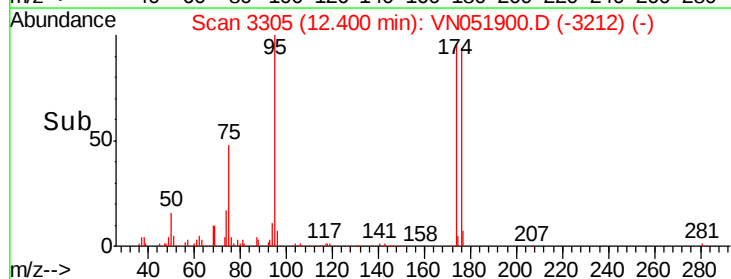
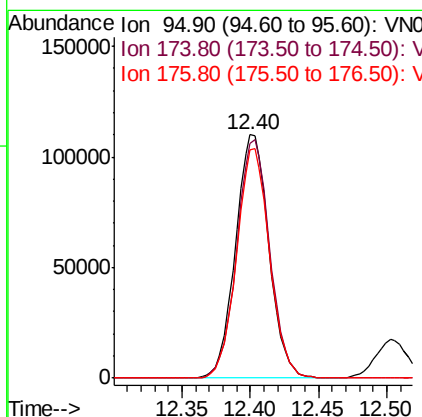
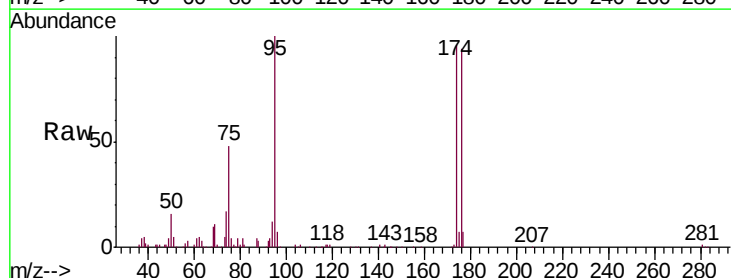
#61
1,2-Dibromoethane
Concen: 19.966 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

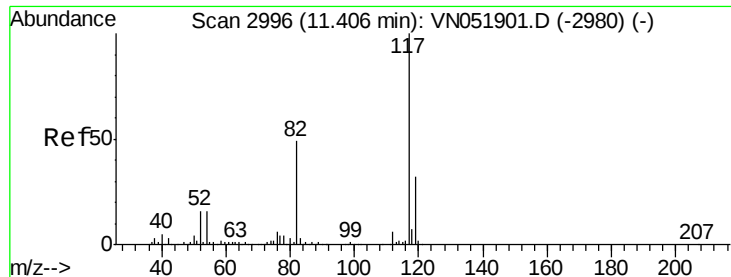
Tgt Ion: 107 Resp: 150323
Ion Ratio Lower Upper
107 100
109 96.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 19.966 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

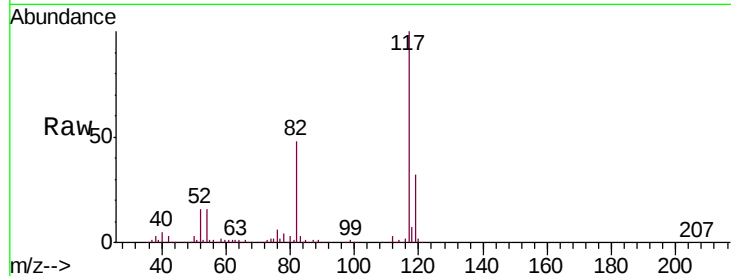
Tgt Ion: 95 Resp: 186221
Ion Ratio Lower Upper
95 100
174 96.9 0.0 195.0
176 93.3 0.0 191.4



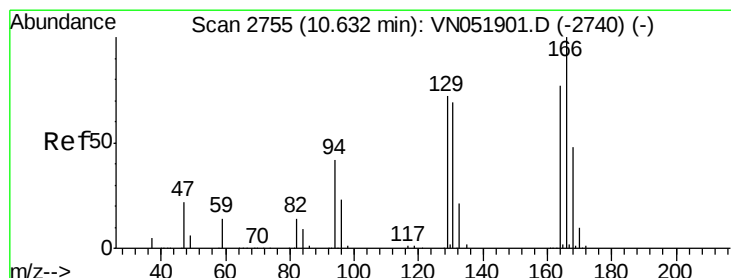
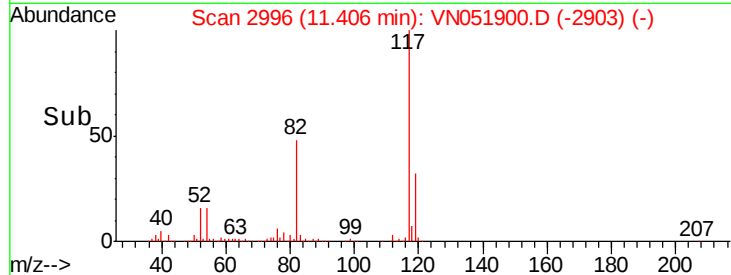
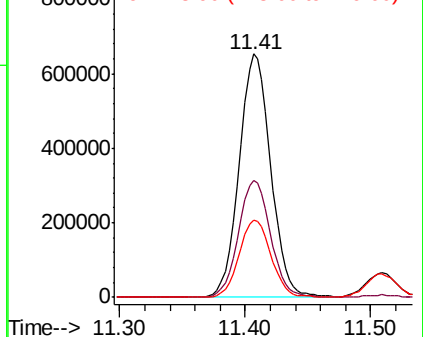


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion:117 Resp: 1140306
Ion Ratio Lower Upper
117 100
82 48.2 38.9 58.3
119 31.8 25.9 38.9

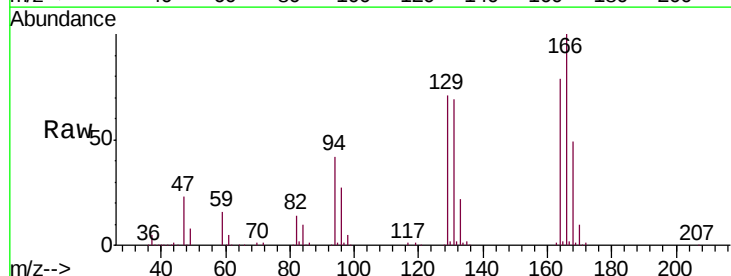


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

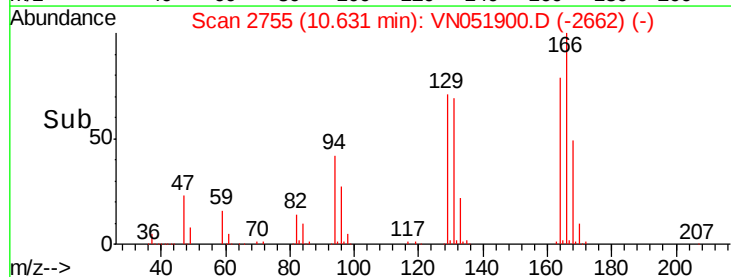
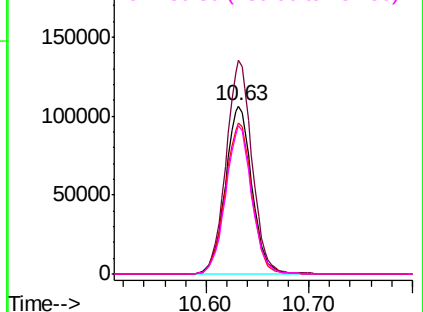


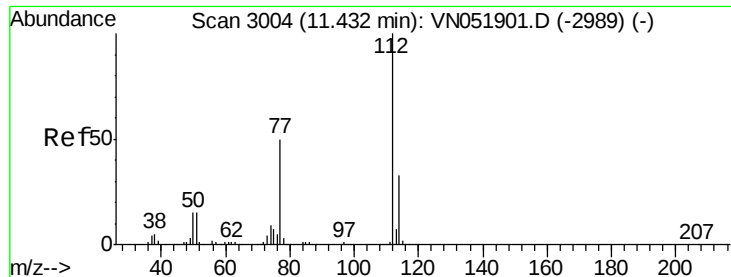
#64
Tetrachloroethene
Concen: 20.709 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion:164 Resp: 189550
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.0
129 89.6 73.9 110.9
131 88.0 71.0 106.4



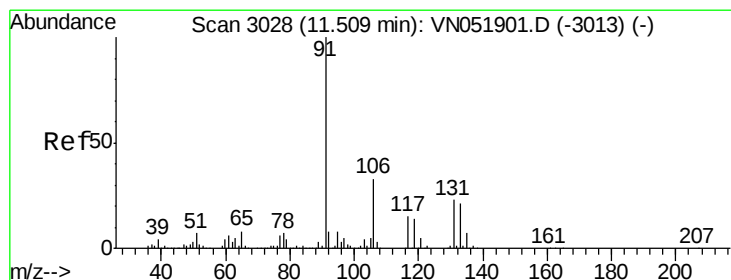
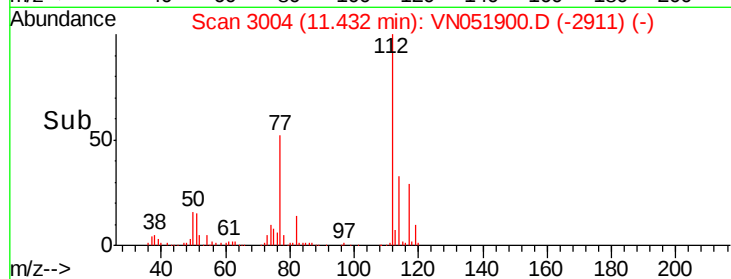
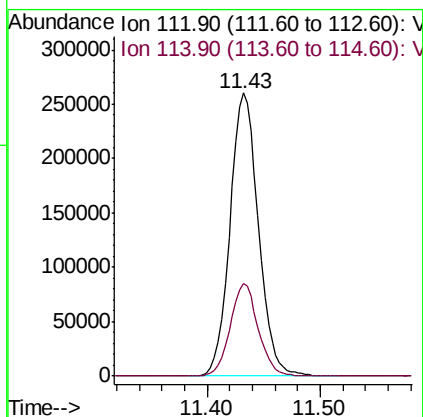
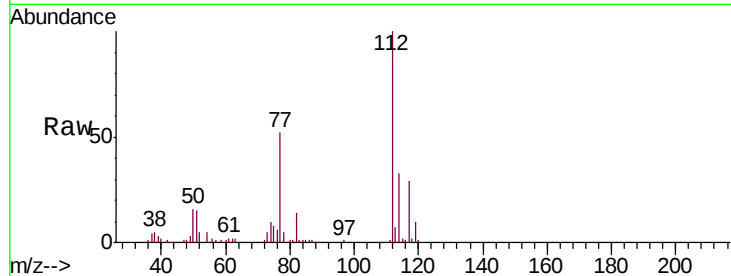
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





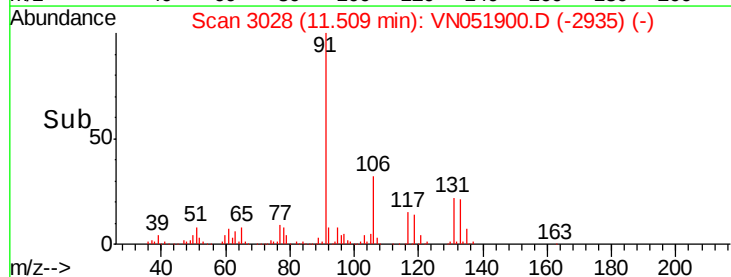
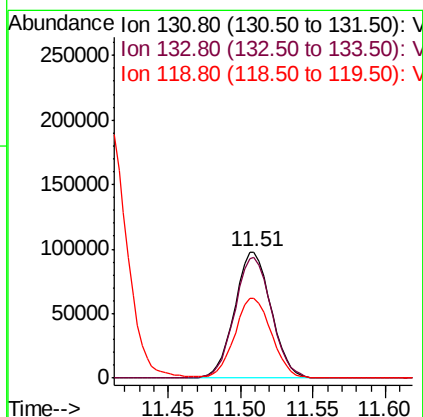
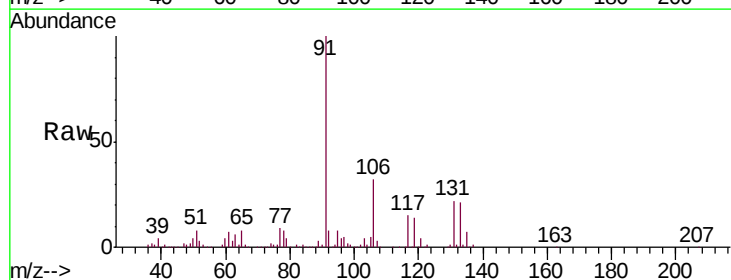
#65
Chlorobenzene
Concen: 19.935 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

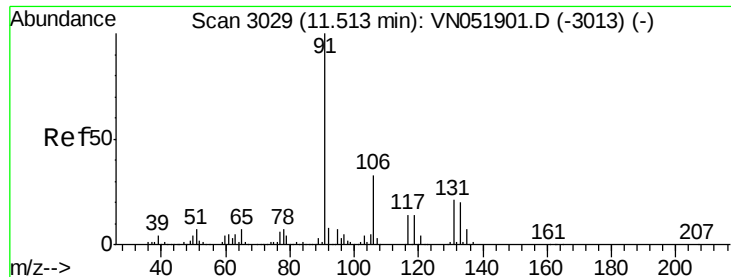
Tgt Ion:112 Resp: 454482
Ion Ratio Lower Upper
112 100
114 32.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.163 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

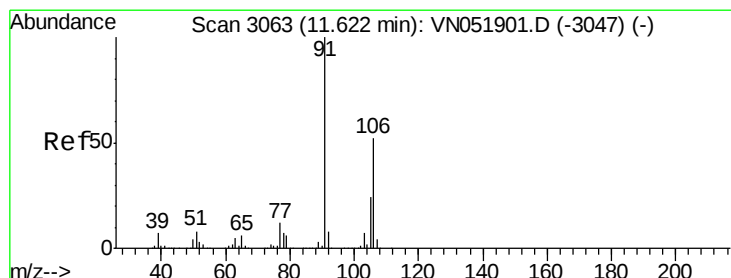
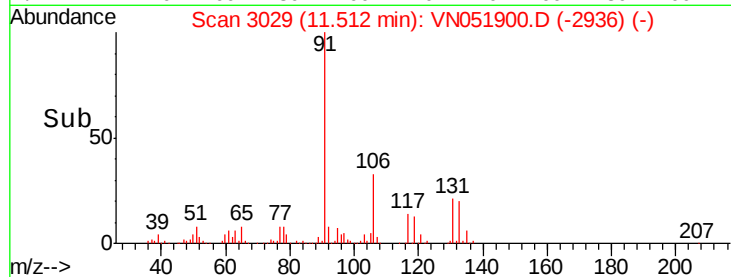
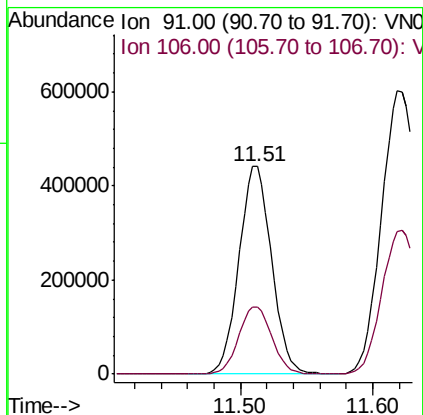
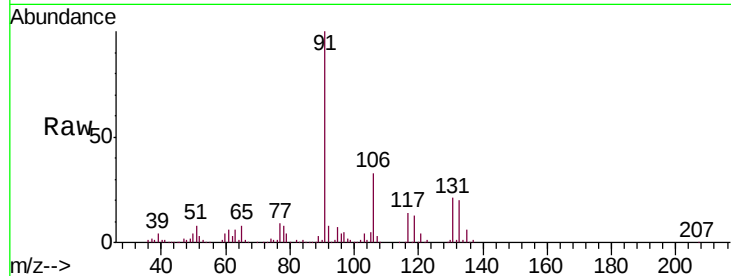
Tgt Ion:131 Resp: 171107
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.6
119 64.0 32.1 96.5





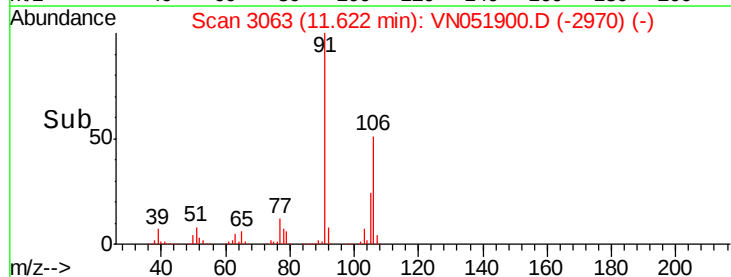
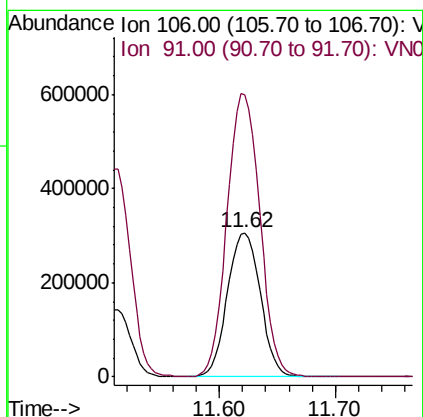
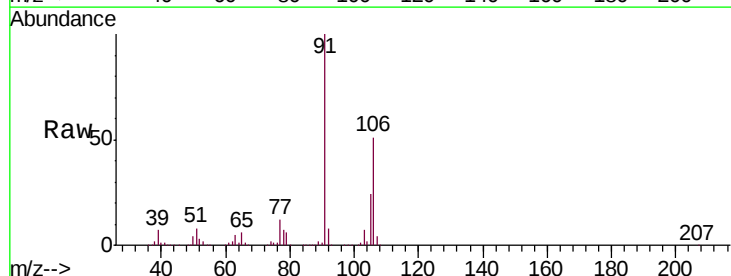
#67
Ethyl Benzene
Concen: 20.215 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

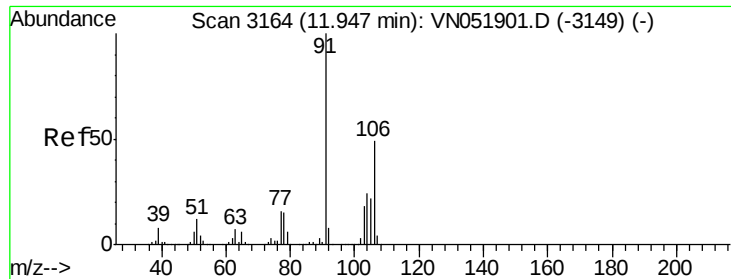
Tgt Ion: 91 Resp: 755009
Ion Ratio Lower Upper
91 100
106 32.5 26.6 39.8



#68
m/p-Xylenes
Concen: 40.281 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

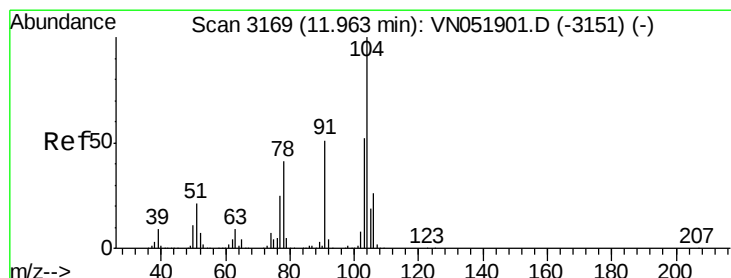
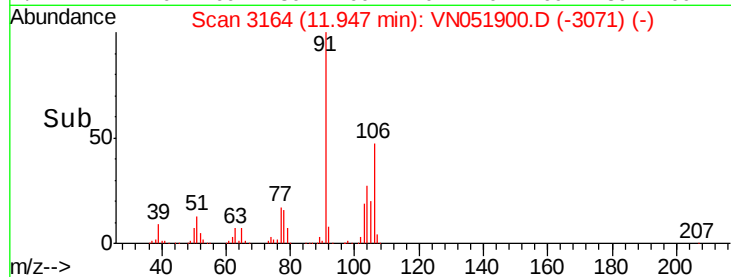
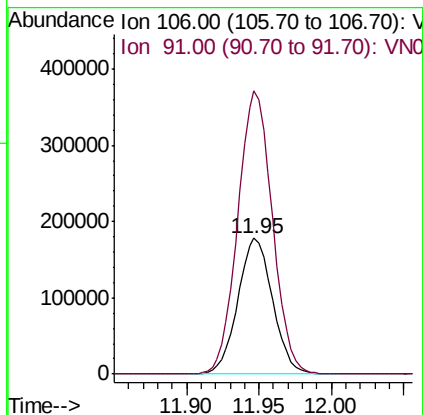
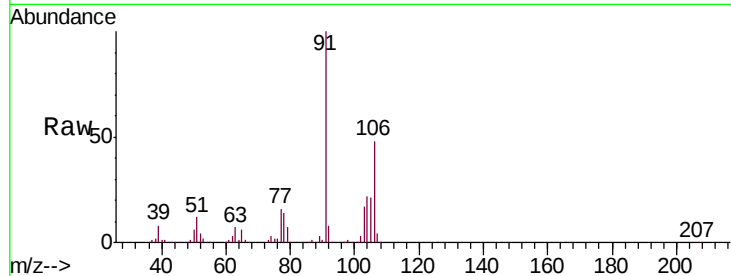
Tgt Ion: 106 Resp: 604072
Ion Ratio Lower Upper
106 100
91 196.4 153.6 230.4





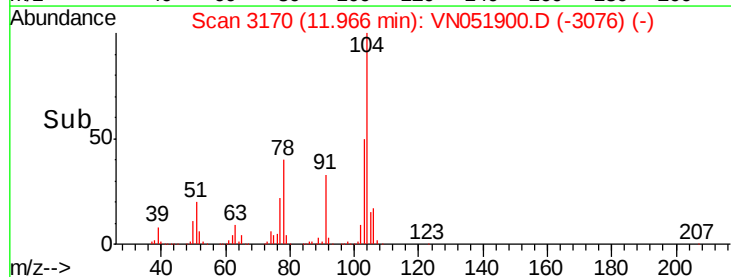
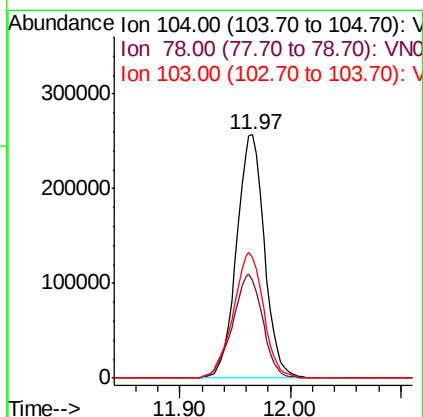
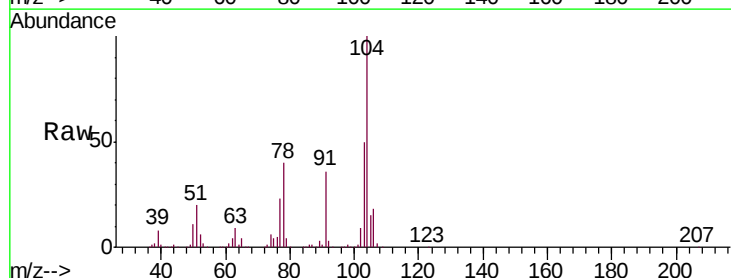
#69
o-Xylene
Concen: 20.299 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

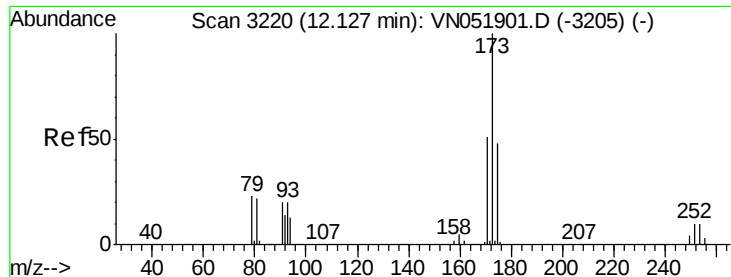
Tgt Ion:106 Resp: 296660
Ion Ratio Lower Upper
106 100
91 207.9 100.7 302.1



#70
Styrene
Concen: 19.944 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

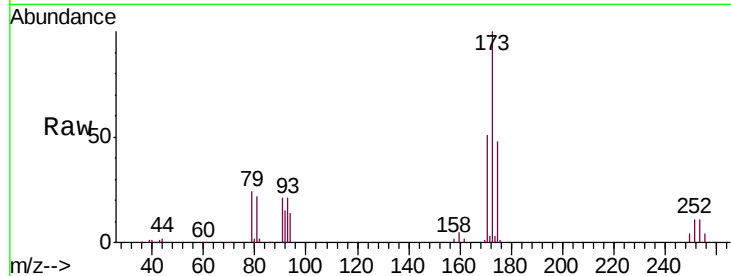
Tgt Ion:104 Resp: 448359
Ion Ratio Lower Upper
104 100
78 46.4 36.6 55.0
103 56.3 44.6 67.0





#71
 Bromoform
 Concen: 18.957 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.0	72.0
254	0.0	0.2	0.2#

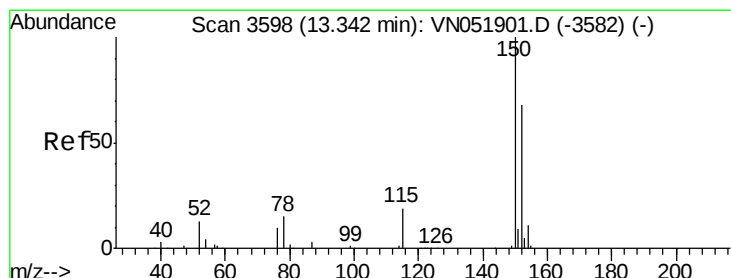
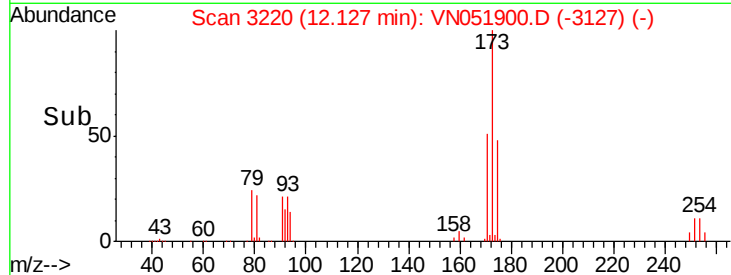
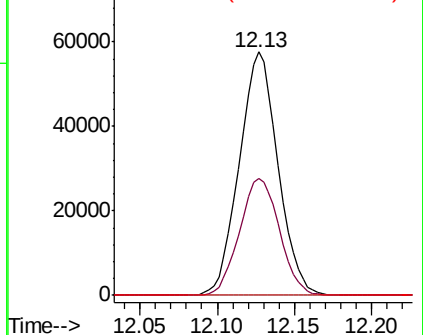


Abundance

Ion 172.70 (172.40 to 173.40): V

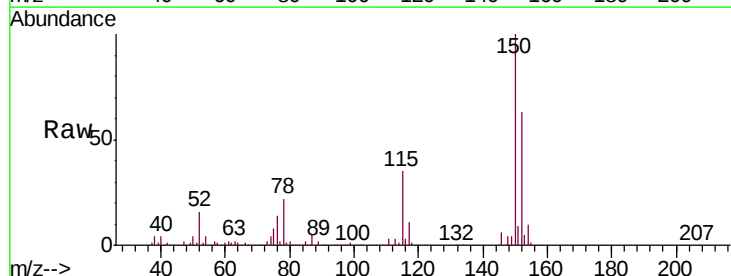
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.7	80.1
150	162.3	0.0	346.4

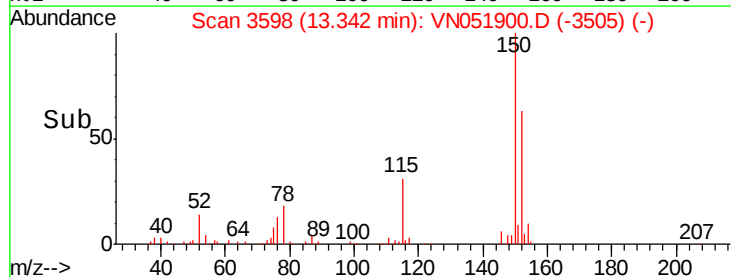
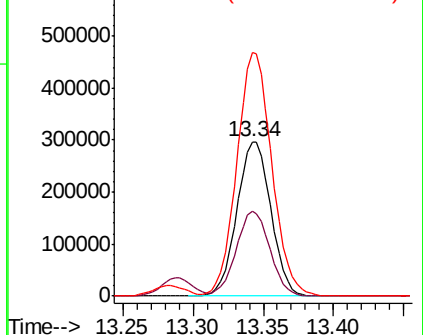


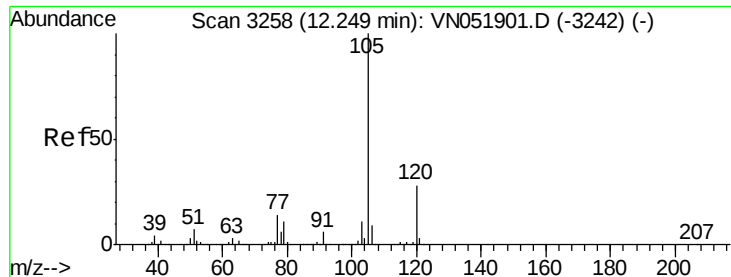
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.736 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051900.D

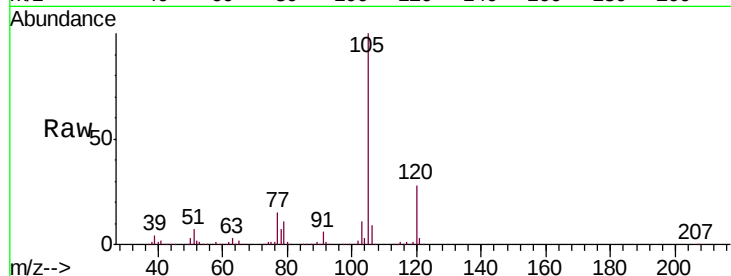
Acq: 17 Oct 2018 9:46

Tgt Ion: 105 Resp: 804453

Ion Ratio Lower Upper

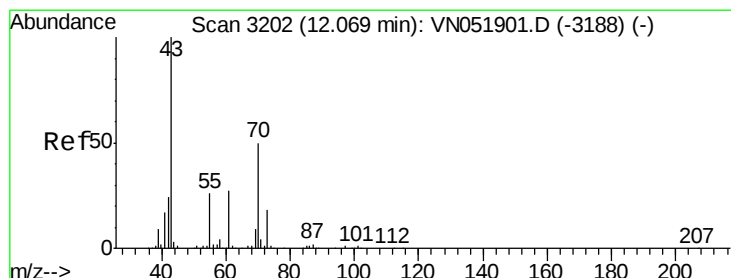
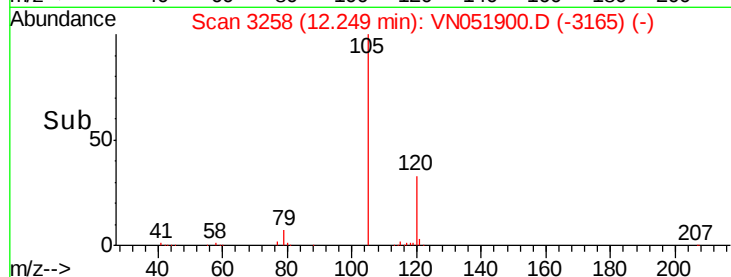
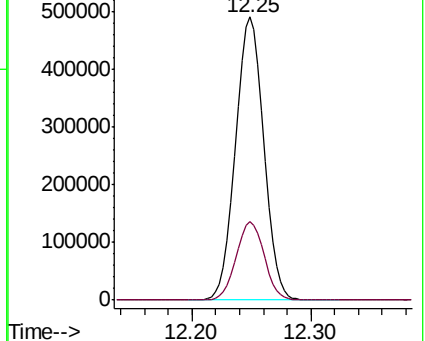
105 100

120 27.5 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.348 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

Tgt Ion: 43 Resp: 135727

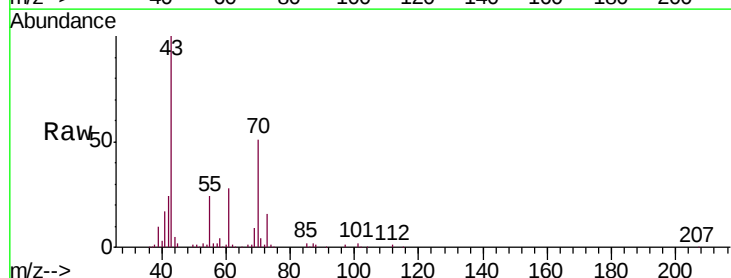
Ion Ratio Lower Upper

43 100

70 50.9 40.1 60.1

55 25.5 21.0 31.4

61 27.2 21.4 32.0

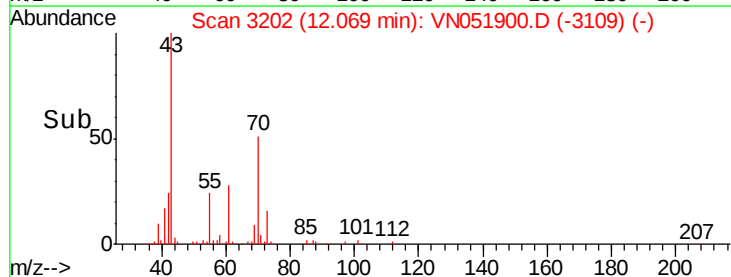
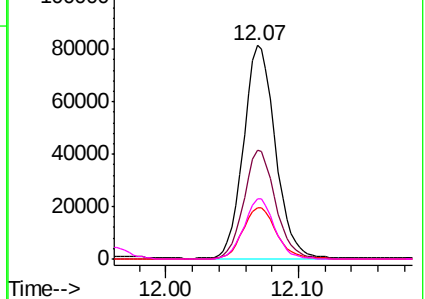


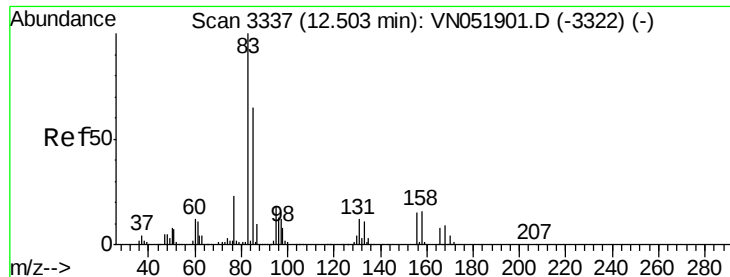
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.264 ug/l

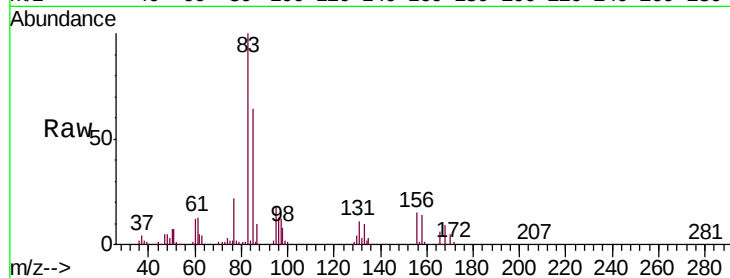
RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

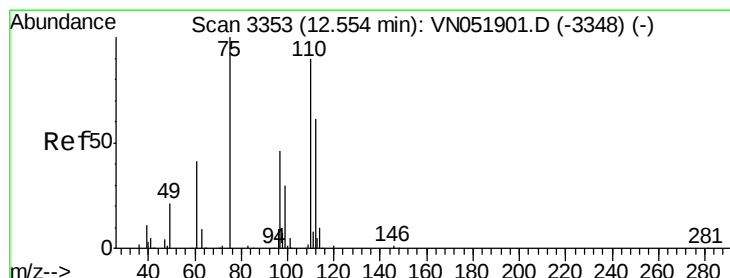
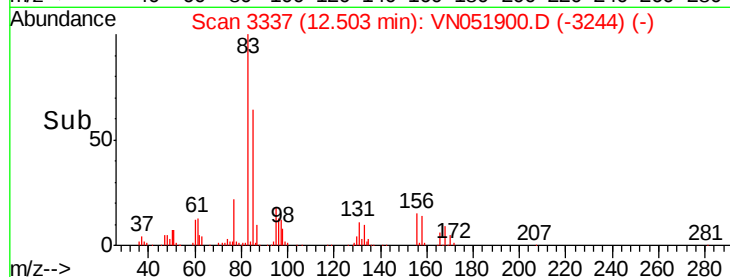
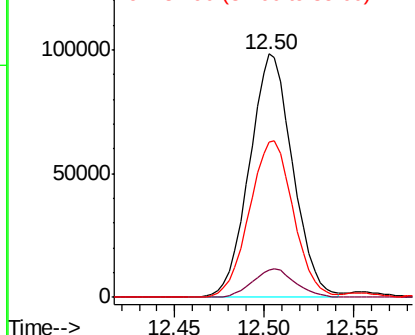
Tgt Ion:	83	Resp:	166718
Ion	Ratio	Lower	Upper
83	100		
131	11.6	6.2	18.6
85	65.2	32.6	97.7



Abundance Ion 82.90 (82.60 to 83.60): VN051901.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN051901.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN051901.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 29.928 ug/l

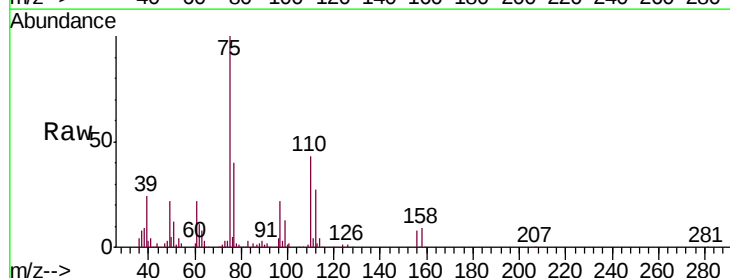
RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051900.D

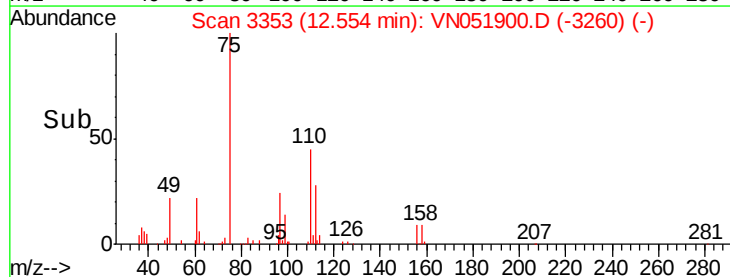
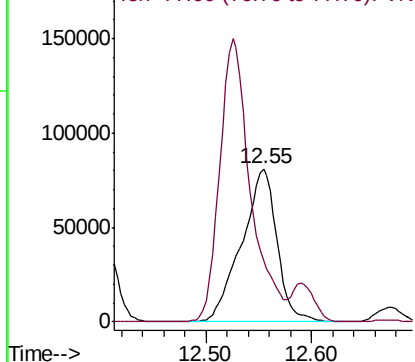
Acq: 17 Oct 2018 9:46

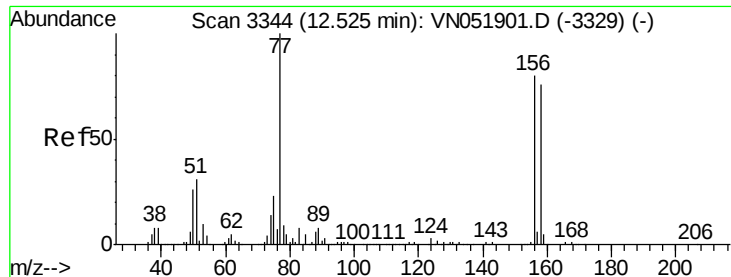
Tgt Ion:	75	Resp:	189662
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051901.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051901.D (-3348) (-)





#77

Bromobenzene

Concen: 19.729 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

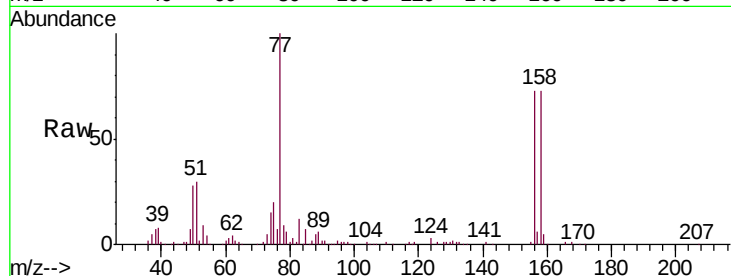
Tgt Ion: 156 Resp: 194761

Ion Ratio Lower Upper

156 100

77 156.6 73.0 219.0

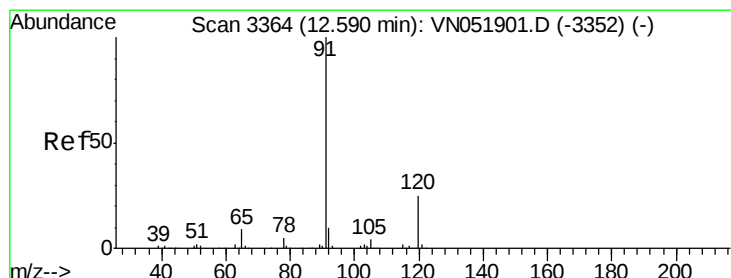
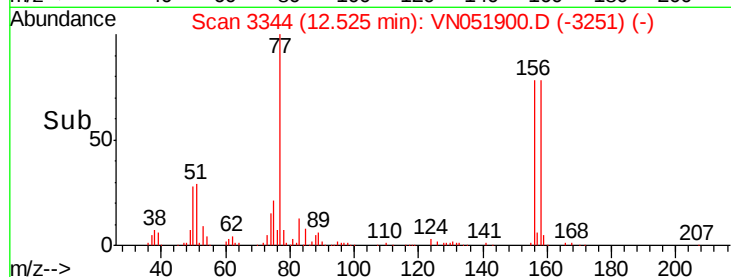
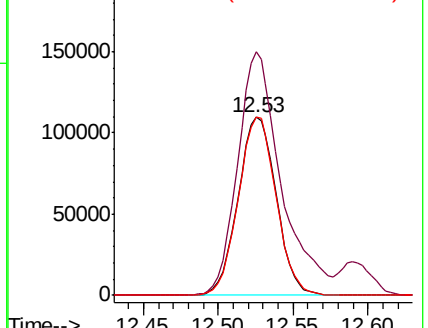
158 99.2 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.708 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051900.D

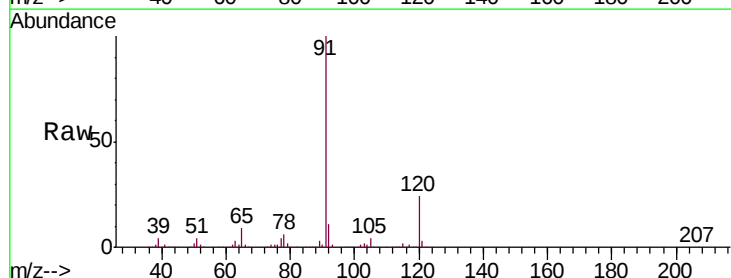
Acq: 17 Oct 2018 9:46

Tgt Ion: 91 Resp: 836274

Ion Ratio Lower Upper

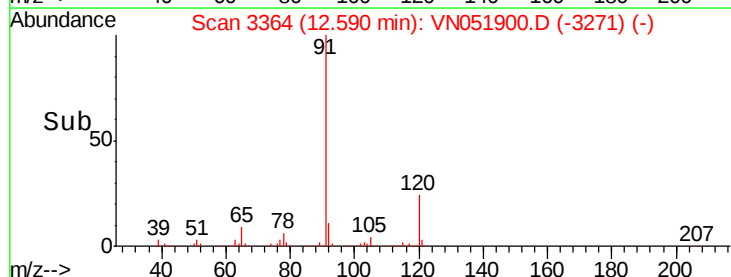
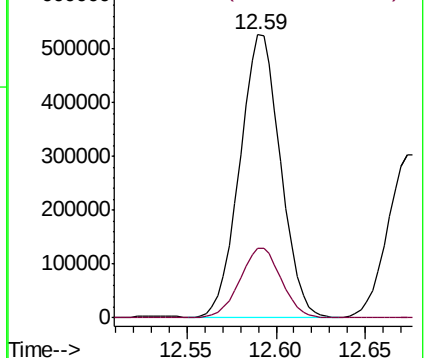
91 100

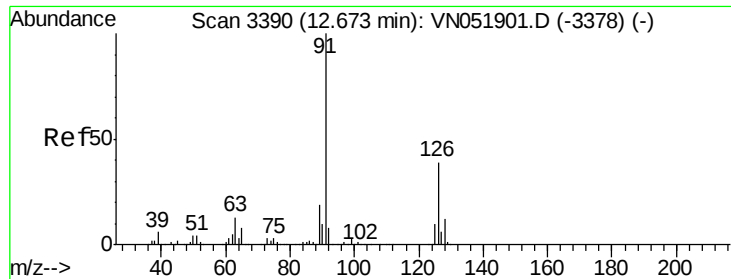
120 25.1 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.410 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051900.D

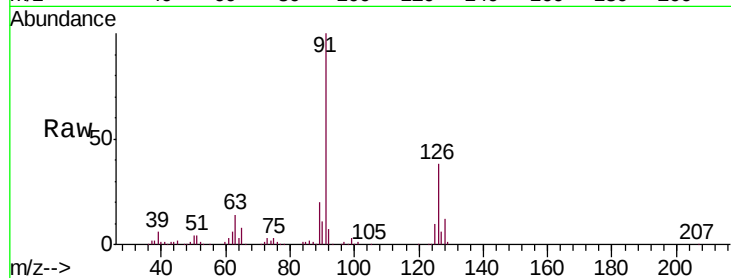
Acq: 17 Oct 2018 9:46

Tgt Ion: 91 Resp: 501620

Ion Ratio Lower Upper

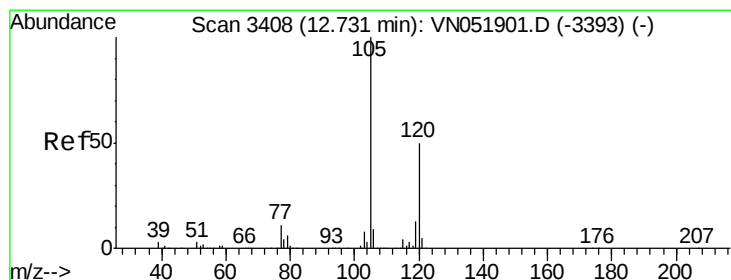
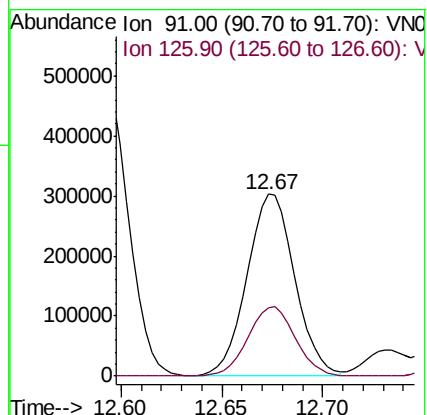
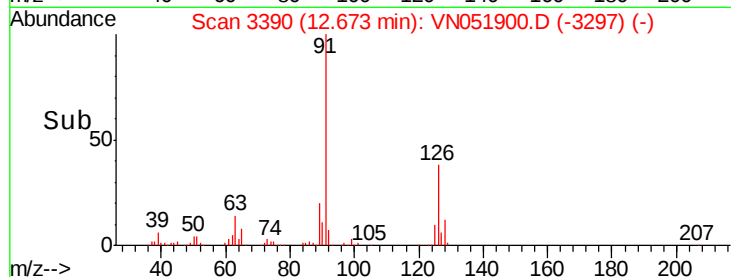
91 100

126 38.1 19.6 58.7



Abundance Ion 91.00 (90.70 to 91.70): VN051901.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN051901.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.658 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051900.D

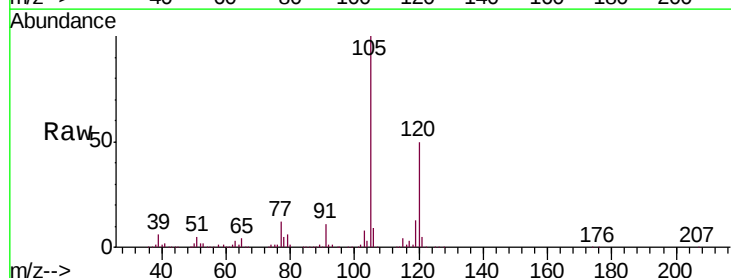
Acq: 17 Oct 2018 9:46

Tgt Ion: 105 Resp: 647794

Ion Ratio Lower Upper

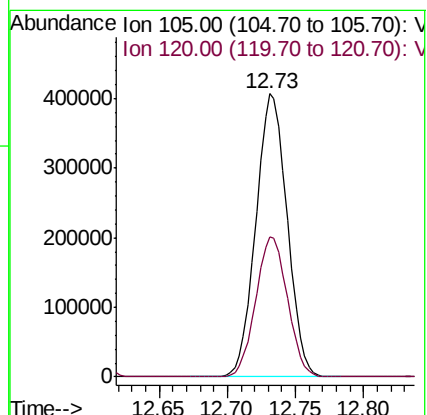
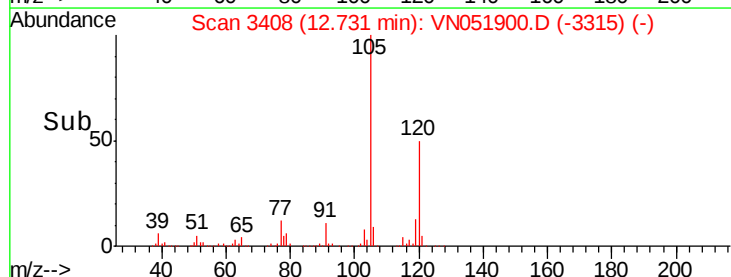
105 100

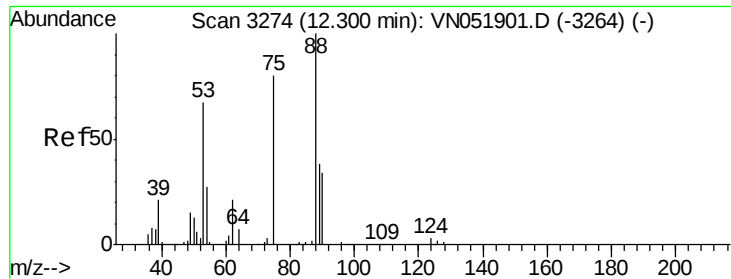
120 50.1 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VN051901.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN051901.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.022 ug/l

RT: 12.30 min Scan# 3274

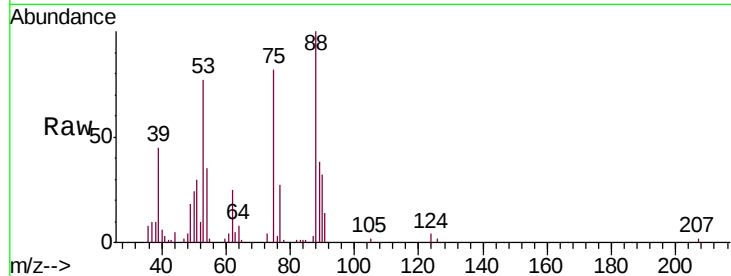
Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

Tgt Ion: 75 Resp: 35383

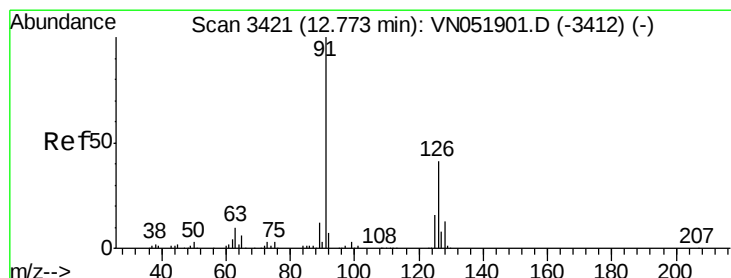
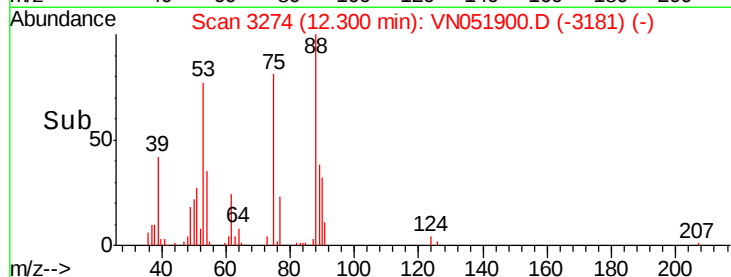
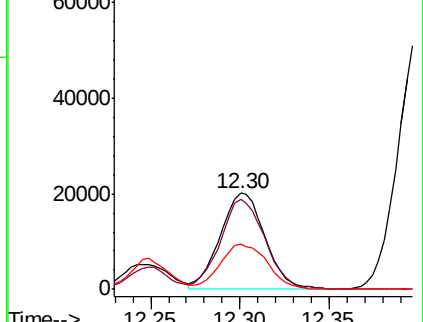
Ion	Ratio	Lower	Upper
75	100		
53	93.5	68.5	102.7
89	48.9	39.0	58.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.324 ug/l

RT: 12.77 min Scan# 3421

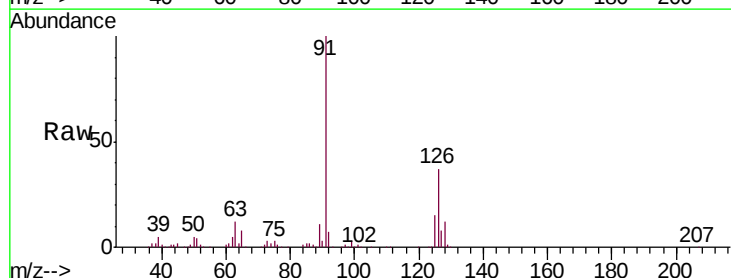
Delta R.T. -0.00 min

Lab File: VN051900.D

Acq: 17 Oct 2018 9:46

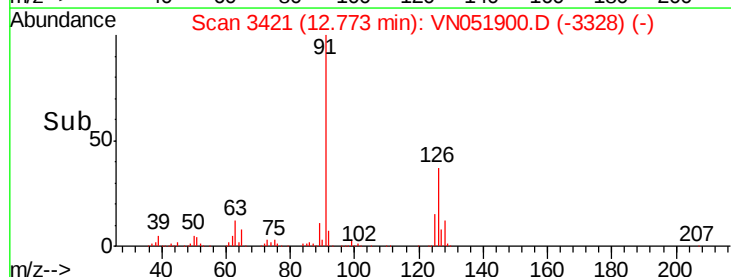
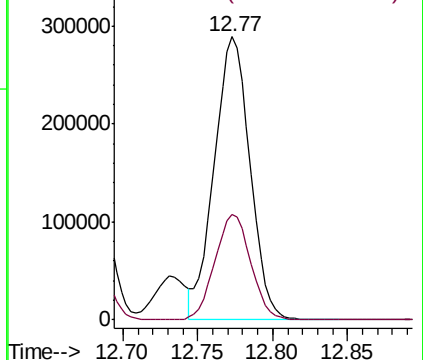
Tgt Ion: 91 Resp: 479628

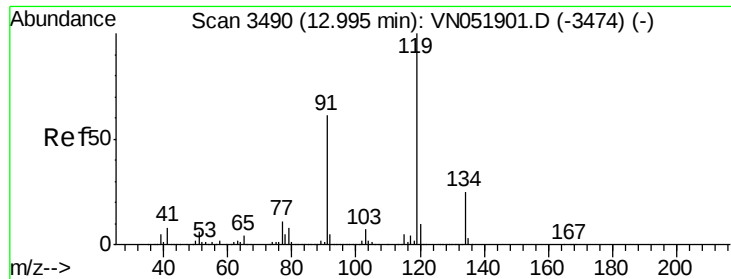
Ion	Ratio	Lower	Upper
91	100		
126	37.5	18.9	56.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

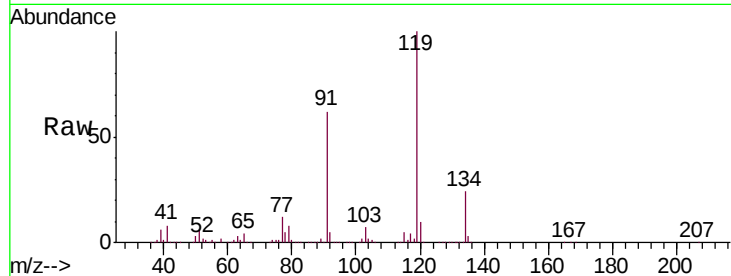
Ion 125.90 (125.60 to 126.60): V



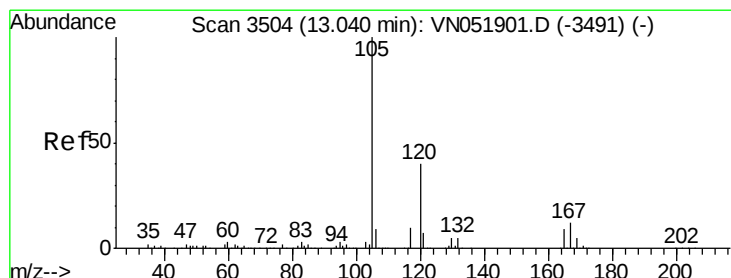
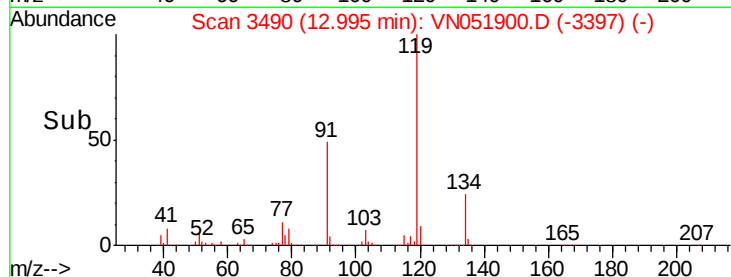
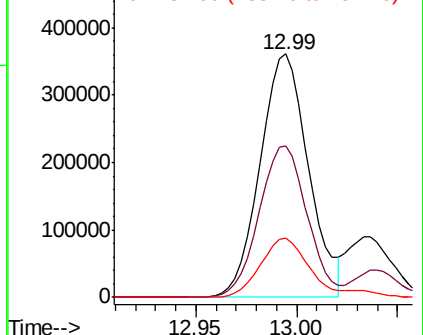


#83
 tert-Butylbenzene
 Concen: 20.521 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.3	90.9
134	26.0	13.4	40.1

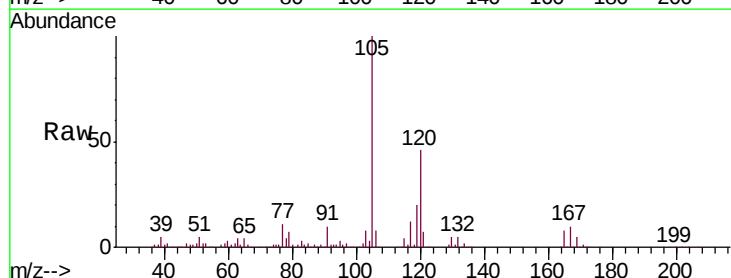


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

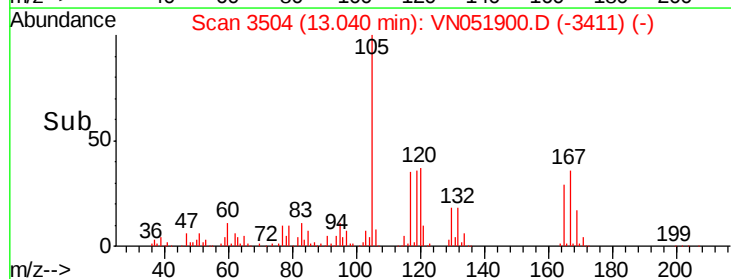
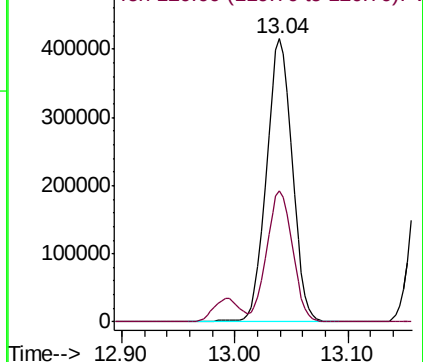


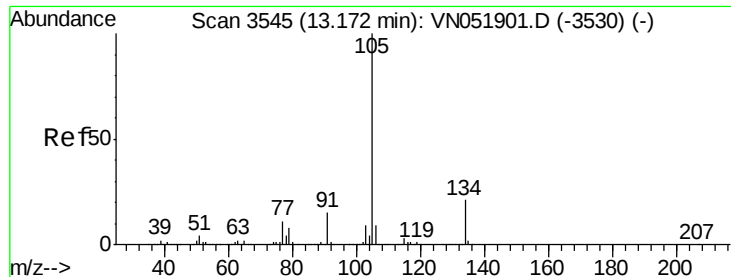
#84
 1,2,4-Trimethylbenzene
 Concen: 21.259 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.8	71.4



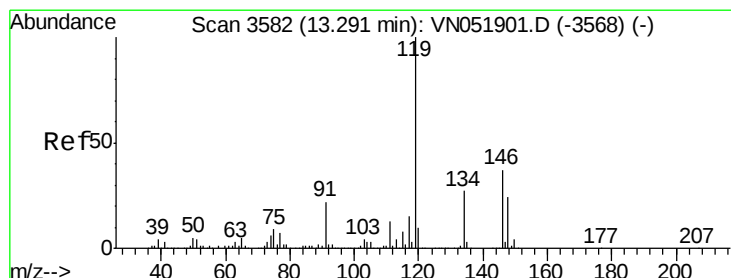
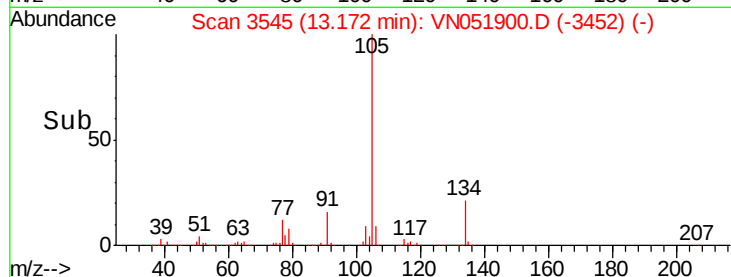
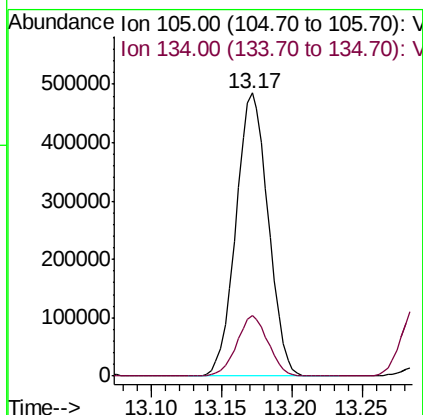
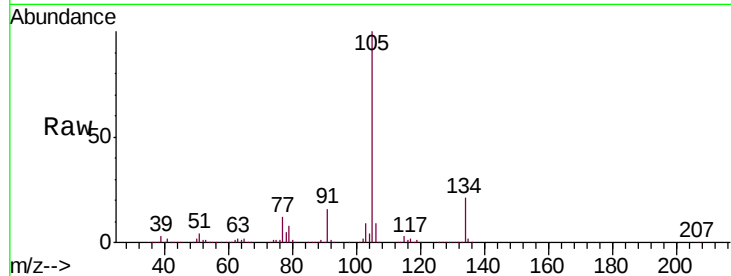
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





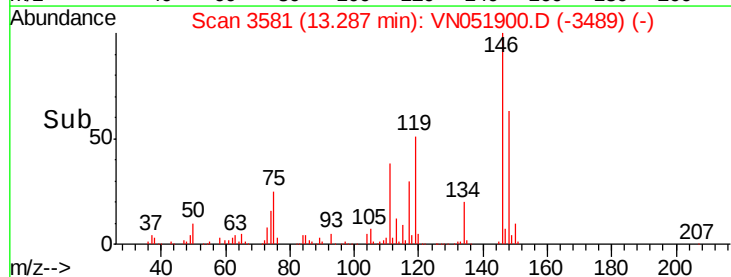
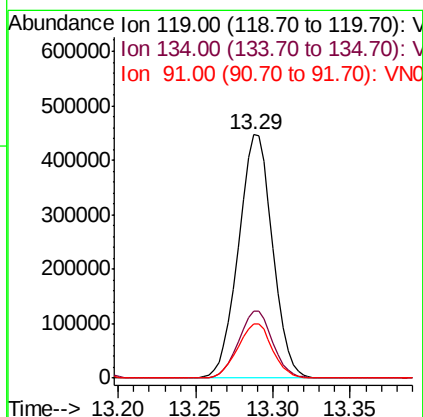
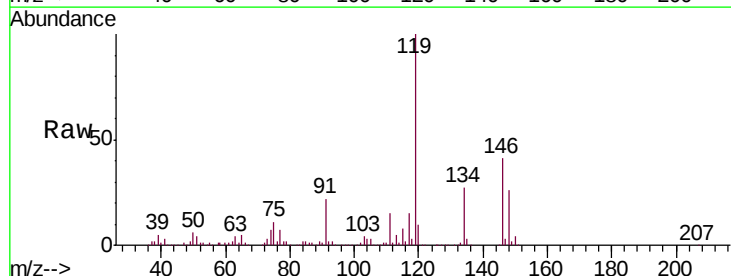
#85
 sec-Butylbenzene
 Concen: 20.733 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

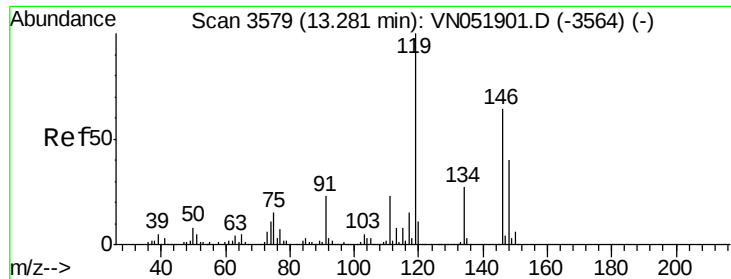
Tgt Ion:105 Resp: 776699
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 20.999 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

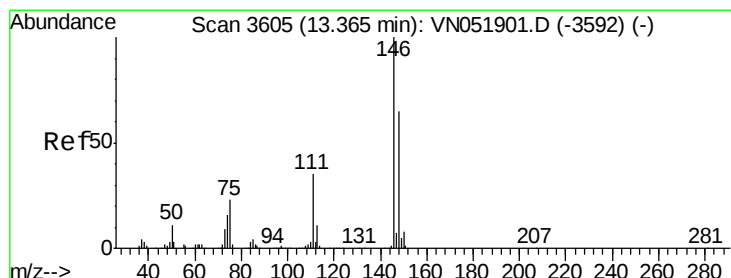
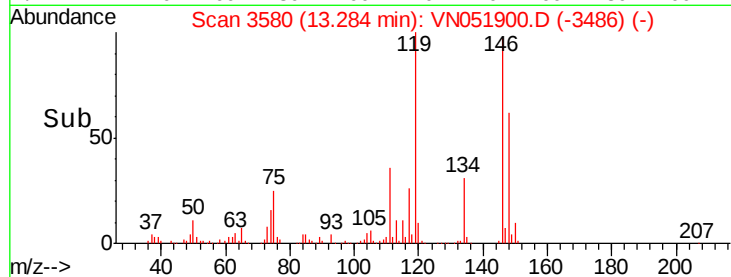
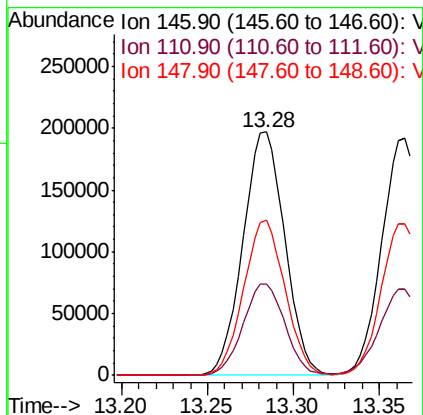
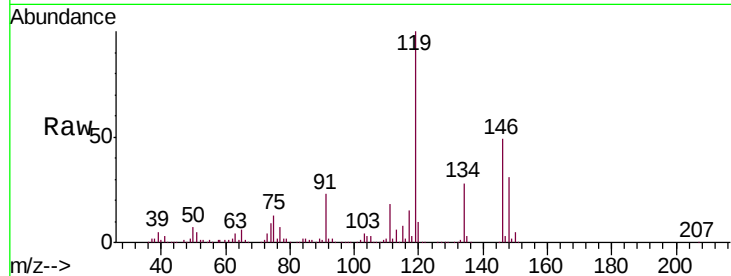
Tgt Ion:119 Resp: 681808
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.8 41.3
 91 22.6 10.9 32.9





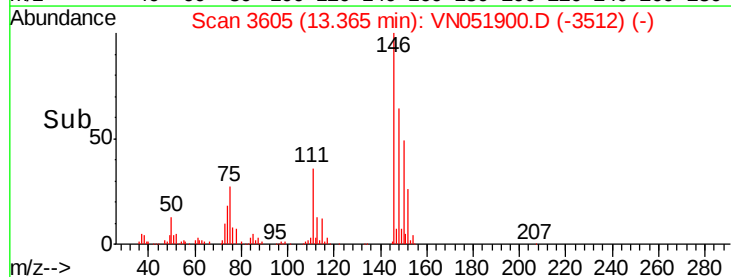
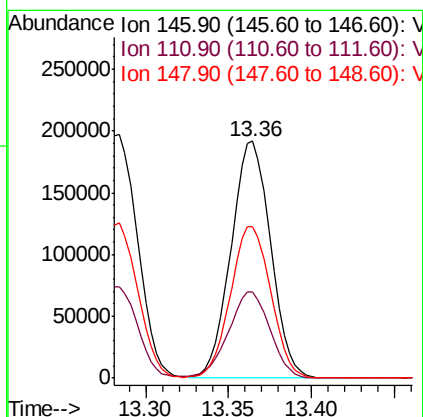
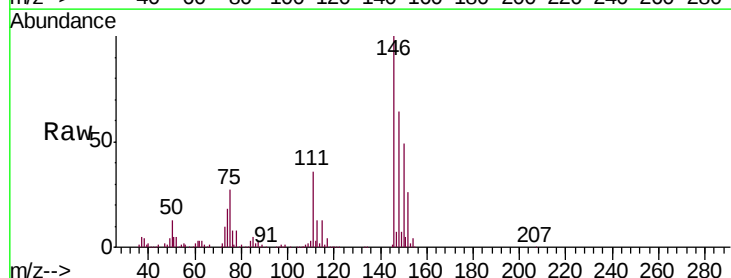
#87
 1,3-Dichlorobenzene
 Concen: 20.003 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

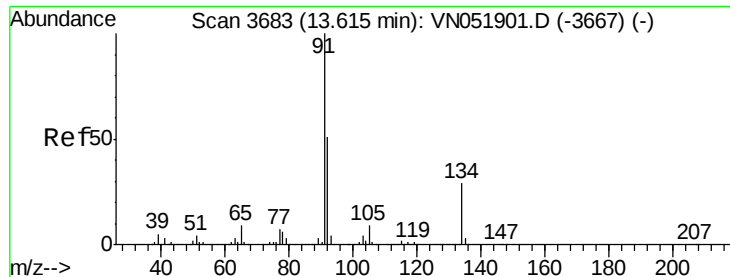
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.3	54.8
148	63.1	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.548 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

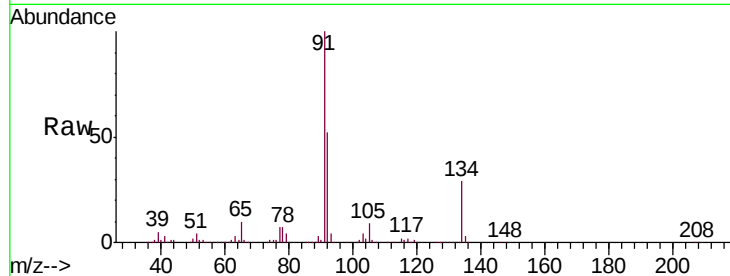
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	17.9	53.7
148	65.3	32.8	98.3



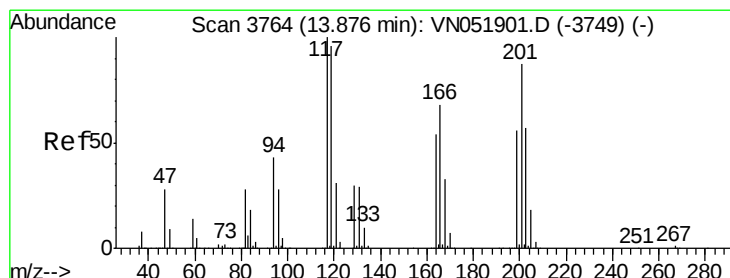
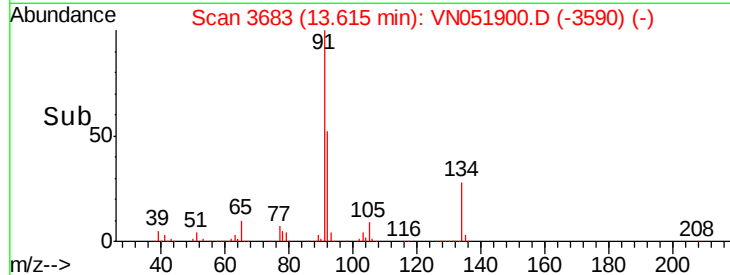
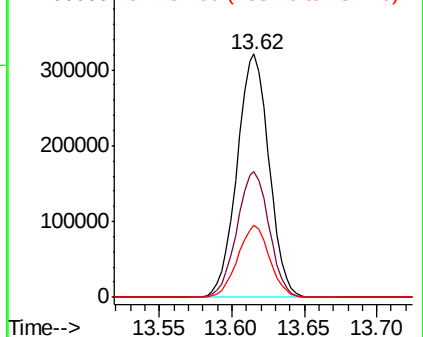


#89
n-Butylbenzene
Concen: 20.865 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion: 91 Resp: 491438
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.7
134 29.2 14.6 43.8

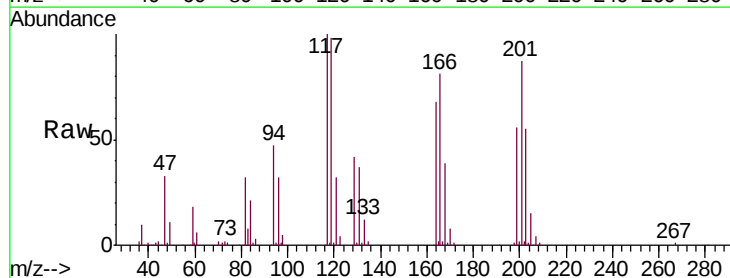


Abundance Ion 91.00 (90.70 to 91.70): VN051901.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN051901.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN051901.D (-3667) (-)

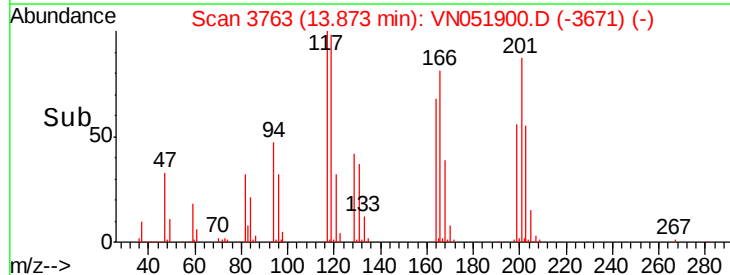
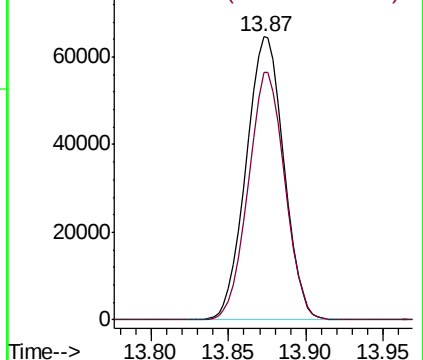


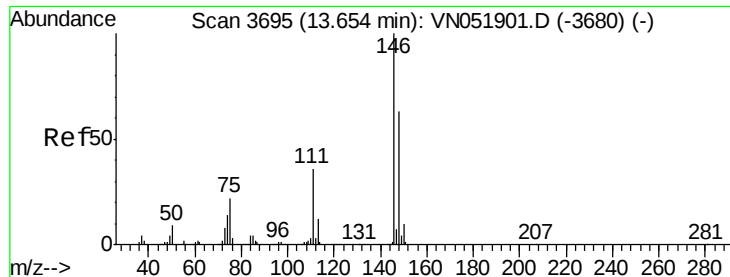
#90
Hexachloroethane
Concen: 20.243 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion: 117 Resp: 109932
Ion Ratio Lower Upper
117 100
201 84.9 43.8 131.3



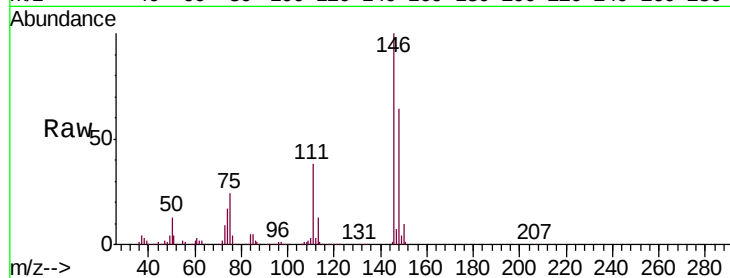
Abundance Ion 116.80 (116.50 to 117.50): VN051901.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN051901.D (-3749) (-)



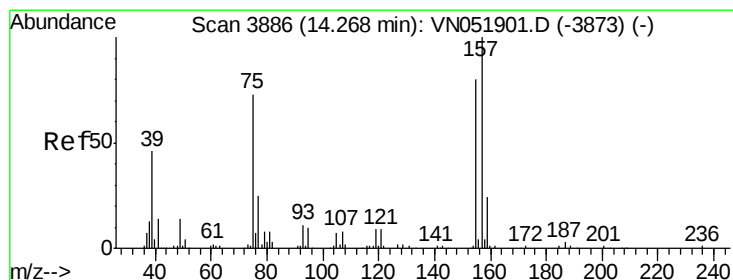
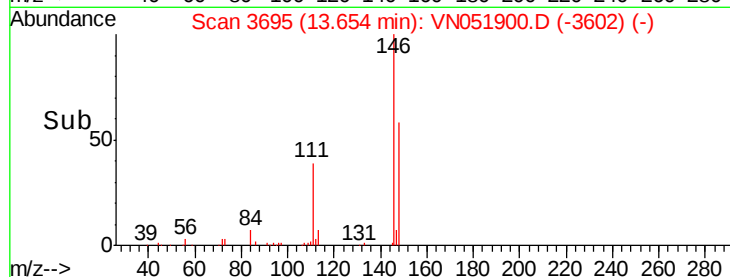
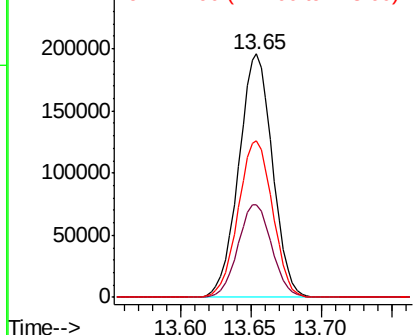


#91
 1,2-Dichlorobenzene
 Concen: 20.314 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.6	55.6
148	65.8	32.0	96.2

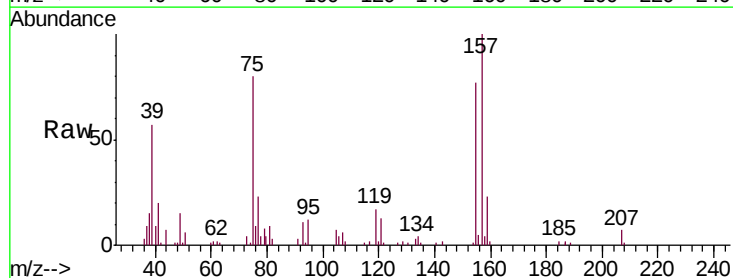


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

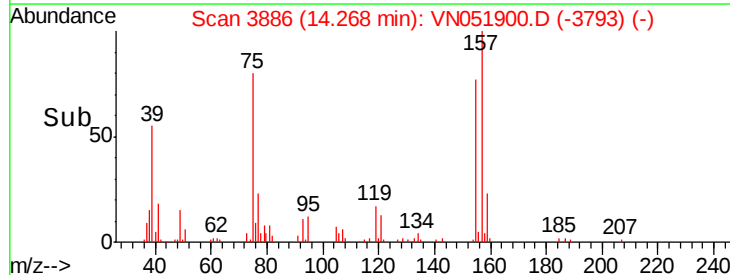
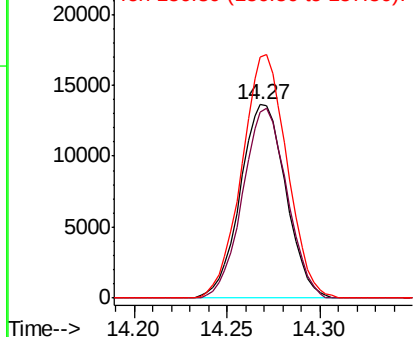


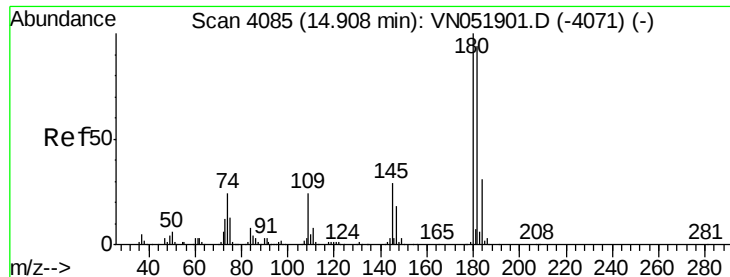
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.274 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.1	53.4	160.2
157	125.0	69.3	207.9



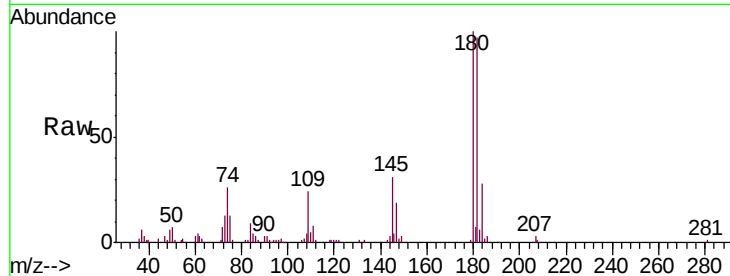
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



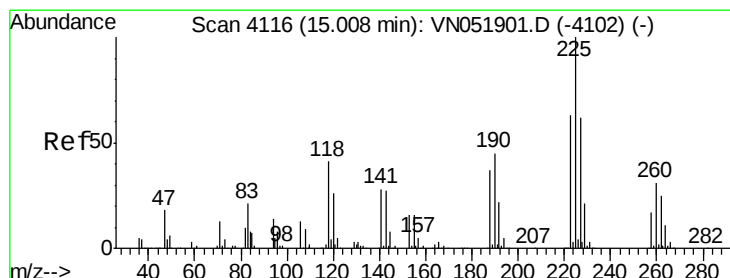
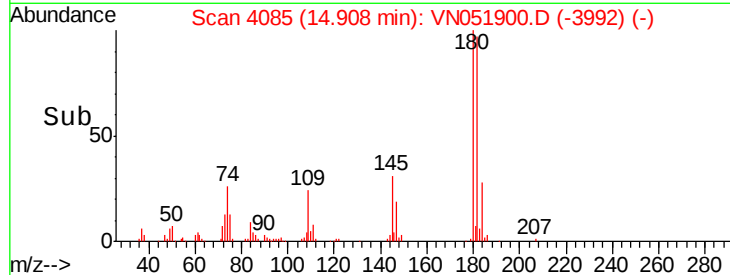
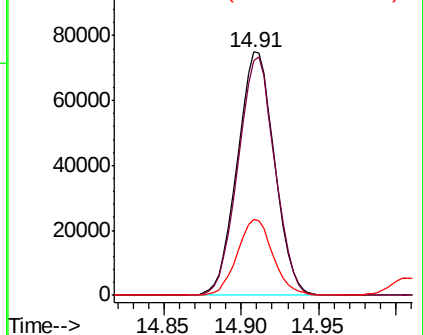


#93
 1,2,4-Trichlorobenzene
 Concen: 17.938 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	141.9
145	30.0	14.5	43.5

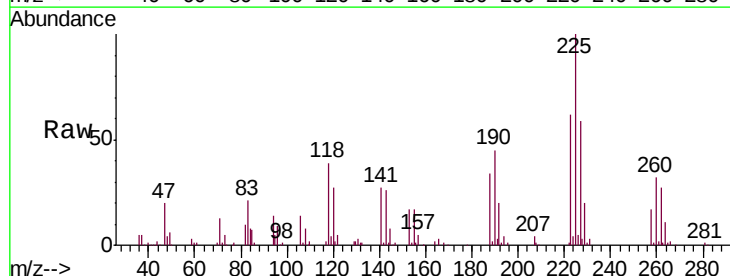


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

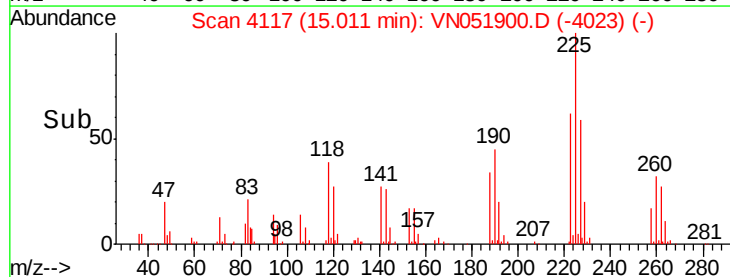
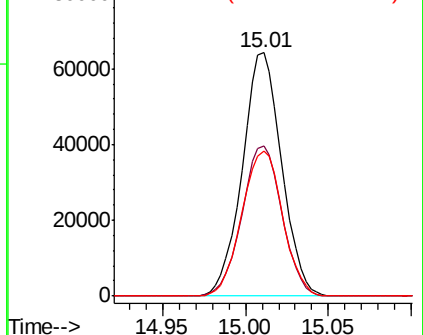


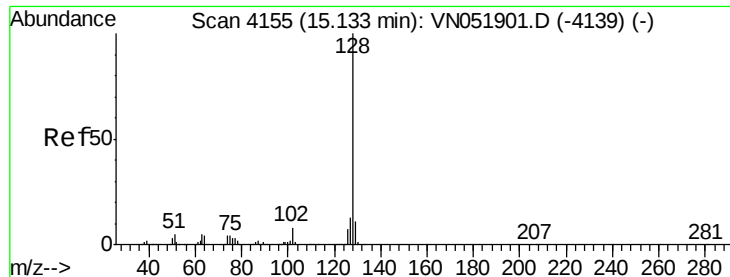
#94
 Hexachlorobutadiene
 Concen: 20.719 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051900.D
 Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	32.0	96.2
227	62.0	31.9	95.9



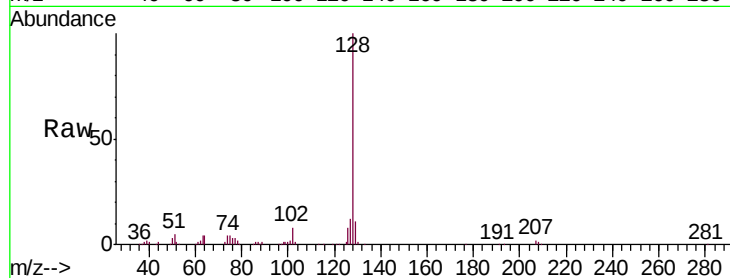
Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



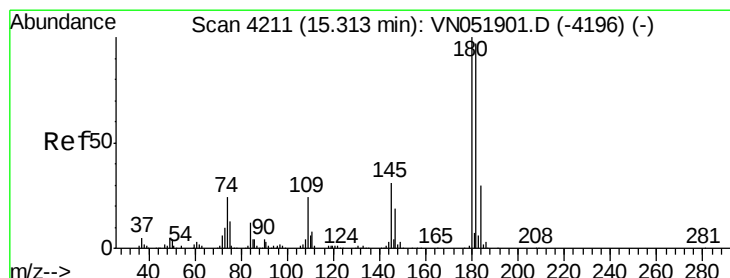
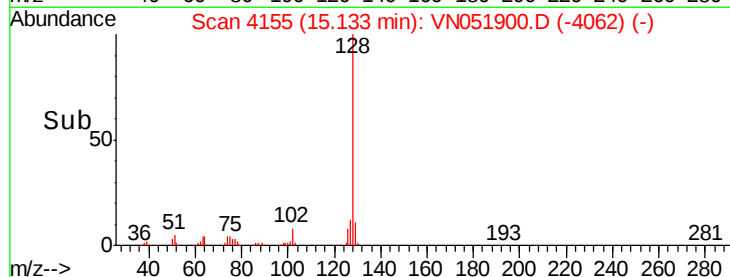
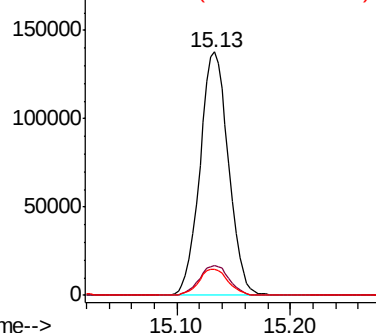


#95
Naphthalene
Concen: 17.435 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.5	12.7

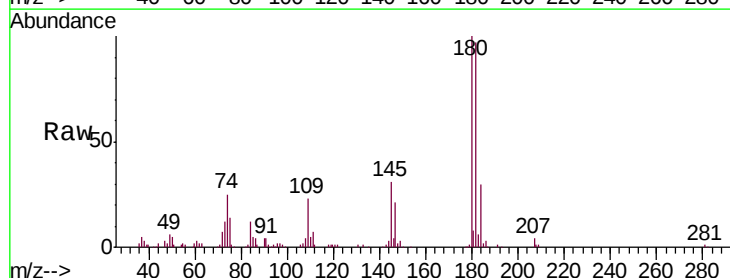


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.292 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051900.D
Acq: 17 Oct 2018 9:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.8
145	31.1	15.2	45.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

